

08/03

HOUSE BILL 494

AN ACT relative to removal or containment of contaminants from the Coakley Landfill.

SPONSORS: Rep. Cushing, Rock. 21; Rep. Edgar, Rock. 21; Rep. Loughman, Rock. 21; Rep. Bushway, Rock. 21; Rep. Janvrin, Rock. 37; Rep. Le, Rock. 31; Rep. Malloy, Rock. 23; Rep. Grote, Rock. 24; Rep. Altschiller, Rock. 19; Rep. Meuse, Rock. 29; Sen. Sherman, Dist 24

COMMITTEE: Environment and Agriculture

??

AMENDED ANALYSIS

This bill directs the department of environmental services to pursue a remedy regarding the substantial reduction of certain contaminants from the Coakley Landfill.

- - - - -
- - - - -

Explanation: Matter added to current law appears in bold italics.

Matter removed from current law appears [in brackets and struckthrough.]

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Matter which is either (a) all new or (b) repealed and reenacted appears in regular type.

05/30/2019 2334s

27Jun2019... 2615-CofC

27Jun2019... 2664-EBA 19-0534

08/03

STATE OF NEW HAMPSHIRE

In the Year of Our Lord Two Thousand Nineteen

AN ACT relative to removal or containment of contaminants from the Coakley Landfill.

Be it Enacted by the Senate and House of Representatives in General Court convened:

1 Findings. The general court finds that:

I. On July 7, 2017 the department of environmental services issued correspondence stating the following:

"First, and in the near term, the department of environmental services believes that signage to alert the public to the presence of contaminants in the adjacent wetlands, seasonally flooded railroad bed, and the uppermost reach of Berrys Brook is appropriate. We have discussed this issue with the Environmental Protection Agency (EPA) and are working with them to determine how to best accomplish this.

"Second, with regard to the expressed concerns about potential impacts to fish in Berrys Brook, the department of environmental services believes that additional work needs to be completed, in concert with the department of fish and game, to determine whether the surface water quality in the lower reaches of the brook poses any risk to recreational anglers who catch and consume the stocked brown

trout or other species from the brook. Since early May, the department of environmental services has been engaged with EPA on this topic. The department of fish and game is currently working to address a number of relevant questions developed by EPA about the fisheries. Once that information is received, we will work with EPA and the department of fish and game to determine how best to address this question.

"Third, the department of environmental services believes that actions need to be implemented at the site to provide additional removal or containment of the contamination, in order to mitigate these surface water quality impacts. In the long run, this will be the most reliable way to limit exposure to site contaminants via the surface water pathway."

II. In correspondence to the Coakley Landfill Group (CLG) dated October 5, 2018 the department of environmental services stated "The enclosed laboratory report confirms that the concentration exceeds the recently revised Ambient Groundwater Quality Standard (AGQS) of 0.32 ppb." Consistent with the guidelines stated in department's letter dated September 14, 2018, the CLG shall immediately provide bottled water to the residence at 368 Breakfast Hill Road and, within 30 days of this letter, provide recommendations for corrective action."

III. In correspondence to the Coakley Landfill Group dated November 1, 2018 the department of environmental services stated "The enclosed laboratory report confirms that the concentration of 1,4-dioxane exceeds the recently revised Ambient Groundwater Quality Standard (AGQS) of 0.32 ppb. Consistent with the guidelines stated in the NHDES letter dated September 14, 2018, the CLG shall immediately take steps to provide bottled water and/or treatment to the Golf Course Clubhouse at 339 Breakfast Hill Road and, within 30 days of this letter, provide recommendations for corrective action."

2 Remedy.

I. The general court concurs with the New Hampshire department of environmental services that the migration of contaminants from the site groundwater at the Coakley Landfill superfund site to the headwaters of Berry's Brook is unacceptable and that actions need to be implemented to provide additional removal or containment of the contamination in the surface water bodies that flow through all seacoast towns, including but not limited to Hampton, North Hampton, Rye, Greenland, and Portsmouth, and to public and private drinking water in the towns of Hampton, North Hampton, Rye, and Greenland.

II. Therefore, by November 1, 2019, the department of environmental services, working with the Coakley Landfill Group and the Environmental Protection Agency (EPA), shall propose, under the applicable consent decree involving the Coakley Landfill superfund site, an appropriate remedy including a design solution, its associated costs, and a reasonable timetable for implementing the proposed remedy, to ensure the substantial reduction of the contaminants entering Berry's Brook from the Coakley Landfill superfund site.

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III. By January 1, 2020, there shall be a written agreement among the appropriate parties, which may include without limitation the department of environmental services, the Coakley Landfill Group, and the EPA, as to an acceptable remedy, which shall include funding and an implementation schedule.

IV. The implementation of the remedy shall commence no later than September 1, 2020.

V. If any of the above deadlines are not met, the office of the attorney general shall seek such a remedy through any means appropriate, consistent with the consent decree.

3 Severability. If any provision of this act or the application thereof to any person or circumstance is held invalid, the invalidity does not affect other provisions or applications of the act which can be given effect without the invalid provision or application, and to this end the provisions of this act are severable.

4 Effective Date. This act shall take effect upon its passage.

Robert R Scott

Commissioner

New Hampshire Department of Environmental Services

29 Hazen Drive, PO Box 95

Concord, NH 03302-0095

W: 603.271.2958

C: 603.892.1706

Robert.Scott@des.nh.gov <mailto:Robert.Scott@des.nh.gov>

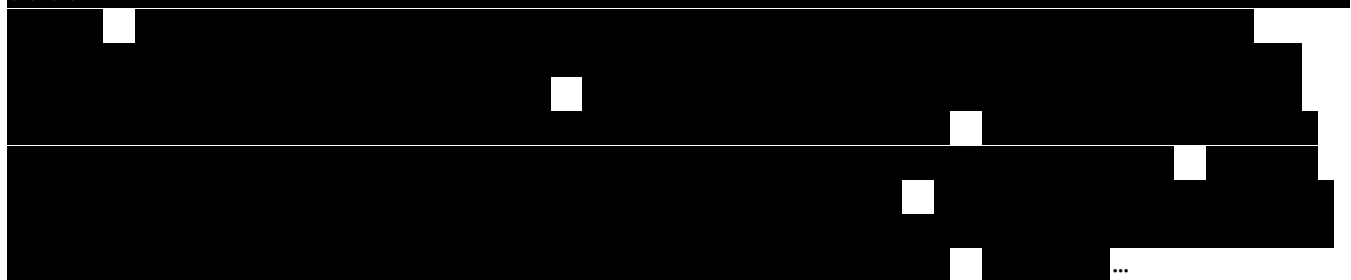
From: Olson, Bryan
Sent: Thursday, July 25, 2019 4:23 PM
To: Szaro, Deb; Zucker, Audrey
Cc: Dierker, Carl; Jerison, Joanna; Cianciarulo, Robert; Dumville, Kelsey; Bataille, Valerie; Catri, Cindy
Subject: RE: Heads up on Coakley IG matter

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Also, to be clear, I believe the person who called me was DOD IG, not EPA's IG.
Bryan

From: Olson, Bryan
Sent: Thursday, July 25, 2019 4:21 PM
To: Szaro, Deb <Szaro.Deb@epa.gov>; Zucker, Audrey <Zucker.Audrey@epa.gov>
Cc: Dierker, Carl <Dierker.Carl@epa.gov>; Jerison, Joanna <Jerison.Joanna@epa.gov>;
Cianciarulo, Robert <Cianciarulo.Bob@epa.gov>; Dumville, Kelsey
<Dumville.Kelsey@epa.gov>; Bataille, Valerie <Bataille.Valerie@epa.gov>; Catri,
Cindy <Catri.Cynthia@epa.gov>
Subject: RE: Heads up on Coakley IG matter

A few months ago, the IG called me, and in that discussion, seemed to be confused
(b) (5)



I just quickly read through the CD. I have highlighted the relevant sections. DOD (settling Federal Agencies) was supposed to pay the \$5.25M dollars to the Coakley Landfill Group Trust Fund (para 58), not to the EPA Hazardous Substances Superfund, with only a copy of the check sent to EPA's hearing clerk (para 60.a.). However, they were directly reimbursing EPA for oversight costs with a check of \$50K to the EPA Hazardous Substances Superfund (para. 59) with the documentation for that also sent to EPA's hearing clerk (para 60.b). EPA never got or was supposed to get the \$5.25M. We can get you more details and confirm, but I think this clears up the fact that EPA really didn't have a role in what happened to the \$5.25M. It was never in our possession.

Thank you,

Bryan Olson, Director

Office of Superfund and Emergency Management

XIX. SETTling FEDERAL AGENCIES

58. Within 60 days after entry of this Consent Decree, the United States shall pay into the Coakley Landfill Superfund Site Trust Fund, on behalf of the Settling Federal Agencies, a lump-sum payment of five million two hundred fifty thousand dollars (\$5,250,000.00) as their share of costs to be incurred in carrying out response actions for Operable Unit 1. The United States Department of Justice will make best efforts to obtain the payment of this amount within 30 days of the entry of the Consent Decree.

59. Within a reasonable time after entry of this Consent Decree, the United States shall arrange for deposit into the EPA Hazardous Substances Superfund, on behalf of the Settling Federal Agencies, a lump-sum of fifty thousand dollars (\$50,000.00) for EPA Oversight Costs.

60. a. Payment to the Trust Fund by the Settling Federal Agencies shall be in the form of a check made payable to the Coakley Landfill Superfund Site Trust Fund. Settling Federal Agencies shall forward a copy of the check and transmittal letter,

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referencing the site name, CERCLA Number NHD064424153 and DOJ Case Number 90-11-2-678, to the United States as specified in Section XXX (Notices and Submissions) and to
Regional Hearing Clerk
U.S. EPA, Region I
JFK Federal Building, RCG
Boston, MA 02203.

b. Settling Federal Agencies shall forward a copy of the documentation for the deposit into the EPA Hazardous Substances Superfund, referencing the site name, CERCLA Number NHD064424153 and DOJ Case Number 90-11-2-678, to the United States as specified in Section XXX (Notices and Submissions) and to
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From: Szaro, Deb
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To: Zucker, Audrey <Zucker.Audrey@epa.gov <mailto:Zucker.Audrey@epa.gov> >
Cc: Dierker, Carl <Dierker.Carl@epa.gov <mailto:Dierker.Carl@epa.gov> >; Jerison, Joanna <Jerison.Joanna@epa.gov <mailto:Jerison.Joanna@epa.gov> >; Olson, Bryan <Olson.Bryan@epa.gov <mailto:Olson.Bryan@epa.gov> >; Cianciarulo, Robert <Cianciarulo.Bob@epa.gov <mailto:Cianciarulo.Bob@epa.gov> >; Dumville, Kelsey

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<Dumville.Kelsey@epa.gov <mailto:Dumville.Kelsey@epa.gov> >; Bataille, Valerie
<Bataille.Valerie@epa.gov <mailto:Bataille.Valerie@epa.gov> >; Catri, Cindy
<Catri.Cynthia@epa.gov <mailto:Catri.Cynthia@epa.gov> >
Subject: RE: Heads up on Coakley IG matter

Go ahead after you remove the comma in red below. Also please send me our internal memo with supporting docs.

From: Zucker, Audrey
Sent: Thursday, July 25, 2019 3:31 PM
To: Szaro, Deb <Szaro.Deb@epa.gov <mailto:Szaro.Deb@epa.gov> >
Cc: Dierker, Carl <Dierker.Carl@epa.gov <mailto:Dierker.Carl@epa.gov> >; Jerison, Joanna <Jerison.Joanna@epa.gov <mailto:Jerison.Joanna@epa.gov> >; Olson, Bryan <Olson.Bryan@epa.gov <mailto:Olson.Bryan@epa.gov> >; Cianciarulo, Robert <Cianciarulo.Bob@epa.gov <mailto:Cianciarulo.Bob@epa.gov> >; Dumville, Kelsey <Dumville.Kelsey@epa.gov <mailto:Dumville.Kelsey@epa.gov> >; Bataille, Valerie <Bataille.Valerie@epa.gov <mailto:Bataille.Valerie@epa.gov> >; Catri, Cindy <Catri.Cynthia@epa.gov <mailto:Catri.Cynthia@epa.gov> >
Subject: Heads up on Coakley IG matter

Deb:

This is a heads up on an IG inquiry concerning the Coakley Landfill Site in North Hampton, NH. As explained below, this IG inquiry was initiated by members of the U.S. Congressional delegation for New Hampshire. We would like to respond to the IG as detailed below by July 31st, unless you would like a briefing or additional information.

Background:

In April 2018, the NH U.S. Attorney's office sent a letter to Matthew Leopold, General Counsel of EPA, and Carl Dierker, enclosing correspondence from NH State Representatives Mindi Messmer, Renny Cushing, Philip Bean and Mike Edgar concerning the financial administration of Coakley Landfill settlement funds by the Coakley Landfill PRP group (CLG).

Specifically, the State Representatives expressed concerns that settlement monies paid by the Settling Federal PRPs to the CLG had been misused by the CLG.

In 2018, the Region performed an investigation, coordinated with OGC and the Department of Justice lawyer for the Settling Federal PRPs and responded to the NH U.S. Attorney's office letter. The Region also prepared an internal memorandum

addressing the issues of concern.

(b) (5)



Current IG Investigation:

In April 2019, Senators Shaheen and Hassan, and Representative Pappas, sent a letter to the IG for the Department of Defense, enclosing a letter from New Hampshire State Representatives raising the same concerns as those described above. (See attached).

The IG for the Department of Defense informally asked EPA's IG to evaluate this concern. At this time, the EPA IG's office is indicating that it would like to forward the Region's memorandum, and supporting materials, documenting the Region's investigation to the members of Congress that requested IG review. We agree with the EPA IG's suggested approach and would like to forward our memorandum to the EPA IG's office for release to the members of Congress.

Please let us know if you have further questions or would like a briefing.

Audrey

Audrey Zucker

Chief, Superfund Legal Office

EPA Region 1

5 Post Office Square (0RC04-2), Suite 100

Boston, MA 02109-3912

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ph: 617-918-1788

From: Olson, Bryan
Sent: Thursday, July 25, 2019 4:21 PM
To: Szaro, Deb; Zucker, Audrey
Cc: Dierker, Carl; Jerison, Joanna; Cianciarulo, Robert; Dumville, Kelsey; Bataille, Valerie; Catri, Cindy
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Audrey

Audrey Zucker

Chief, Superfund Legal Office

EPA Region 1

5 Post Office Square (0RC04-2), Suite 100

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Boston, MA 02109-3912

ph: 617-918-1788

From: Olson, Bryan
Sent: Thursday, July 25, 2019 12:30 PM
To: Mindi Messmer
Cc: Renny Cushing; Phil Bean; Mike Edgar; Patricia Bushway; Clark, Peter (Shaheen; Patrick Carroll; Holmes, Kerry (Hassan); Sarah Holmes; Kari.thurman@mail.house.gov; TVS4@cdc.gov
Subject: RE: Health Study - Coakley Landfill

Mindi,

I have discussed your request with my staff and staff at ATSDR, the agency within CDC that would likely make a determination on a petition similar what you have requested below. Tarah Somers of ATSDR, who I have copied here, would be happy to talk to you about your specific request. You and Tarah should discuss the timing of when you might make a formal petition for a health assessment or health consult. In our discussion here, it was brought to my attention that important data, such as bedrock data, bedrock and overburden groundwater flowpath data, cap run-off data and residential well data continue to come in as a result of recent investigations. We expect to have much of that new data collected and analyzed over the next several weeks to months. Therefore, it may be important to ATSDR, and likely to you, to have the most recent snapshot of site information before potentially embarking on an updated health assessment or health consult. Please discuss your request with Tarah as your convenience. Her email is TVS4@CDC.gov <mailto:TVS4@CDC.gov> (copied above). Please let me know if I can help further.

Thank you,

Bryan

Bryan Olson

Director, Superfund and Emergency Response Division

EPA Region 1

From: Mindi Messmer <nhsafewateralliance@gmail.com>
Sent: Tuesday, July 23, 2019 10:01 PM
To: Olson, Bryan <Olson.Bryan@epa.gov>
Cc: Renny Cushing <reprennycushing@gmail.com>; Phil Bean <philip@beaninsurance.com>; Mike Edgar <amedgar@comcast.net>; Patricia Bushway <patjean56@yahoo.com>; Clark, Peter (Shaheen <Peter_Clark@shaheen.senate.gov>; Patrick Carroll <Patrick.Carroll@mail.house.gov>; Holmes, Kerry (Hassan) <Kerry_Holmes@hassan.senate.gov>; Sarah Holmes <sarah_holmes@shaheen.senate.gov>; Kari.thurman@mail.house.gov
Subject: Health Study - Coakley Landfill

Hello Bryan-

It was nice to see you today in Portsmouth. As discussed, the last health assessment was conducted by ATSDR in 1992 and is attached.

As stated in the last EPA meeting, we would like to formally request a health assessment, especially in light of the fact that the seacoast has a pediatric cancer cluster. The assessment should include all known outcomes associated with PFAS exposure, pediatric cancers, and male reproductive health outcomes. We also have elevated levels of pancreatic and breast cancer in the seacoast and children with brain and central nervous system cancers at about 3 times the expected rate.

Please confirm receipt and a path forward on this.

Thank you,

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Mindi

Mindi Messmer

Co-Founder, New Hampshire Safe Water Alliance

nhsafewateralliance@gmail.com <mailto:nhsafewateralliance@gmail.com>

From: Olson, Bryan
Sent: Thursday, July 25, 2019 9:24 AM
To: Dumville, Kelsey
Subject: RE: Health Study - Coakley Landfill

That is fine with me Kelsey.

From: Dumville, Kelsey
Sent: Thursday, July 25, 2019 7:03 AM
To: Olson, Bryan <Olson.Bryan@epa.gov>
Subject: RE: Health Study - Coakley Landfill

Hi Bryan,

Should I add your office as a location to talk about this this morning? I will be calling in from the road but will open up the line.

Thanks,

Kelsey

Kelsey Dumville

Public Affairs Office

Senior Community Involvement Coordinator

Office: 617-918-1003

Cell: 857-998-0226

From: Olson, Bryan

Sent: Tuesday, July 23, 2019 10:22 PM

To: Cianciarulo, Robert <Cianciarulo.Bob@epa.gov <mailto:Cianciarulo.Bob@epa.gov> >; Gutro, Doug <Gutro.Doug@epa.gov <mailto:Gutro.Doug@epa.gov> >; Dumville, Kelsey <Dumville.Kelsey@epa.gov <mailto:Dumville.Kelsey@epa.gov> >; Hull, Richard <Hull.Richard@epa.gov <mailto:Hull.Richard@epa.gov> >; Taylor, Melissa <Taylor.Melissag@epa.gov <mailto:Taylor.Melissag@epa.gov> >; Cassidy, Meghan <Cassidy.Meghan@epa.gov <mailto:Cassidy.Meghan@epa.gov> >; Somers, Tarah <Somers.Tarah@epa.gov <mailto:Somers.Tarah@epa.gov> >

Subject: Fwd: Health Study - Coakley Landfill

See the response I sent to Mindi Mesmer regarding her request for a new health assessment for Coakley. I will be in the office on Thursday, and we should probably discuss next steps on this then.

Thank you, Bryan

Sent from my iPhone

Begin forwarded message:

From: "Olson, Bryan" <Olson.Bryan@epa.gov <mailto:Olson.Bryan@epa.gov> >

Date: July 23, 2019 at 10:17:20 PM EDT

To: Mindi Messmer <nhsafewateralliance@gmail.com
<mailto:nhsafewateralliance@gmail.com> >

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Cc: Renny Cushing <reprennycushing@gmail.com
<mailto:reprennycushing@gmail.com> >, Phil Bean <philip@beaninsurance.com
<mailto:philip@beaninsurance.com> >, Mike Edgar <amedgar@comcast.net
<mailto:amedgar@comcast.net> >, Patricia Bushway <patjean56@yahoo.com
<mailto:patjean56@yahoo.com> >, "Clark, Peter (Shaheen"
<Peter_Clark@shaheen.senate.gov <mailto:Peter_Clark@shaheen.senate.gov> >, Patrick
Carroll <Patrick.Carroll@mail.house.gov <mailto:Patrick.Carroll@mail.house.gov> >,
"Holmes, Kerry (Hassan)" <Kerry_Holmes@hassan.senate.gov
<mailto:Kerry_Holmes@hassan.senate.gov> >, Sarah Holmes
<sarah_holmes@shaheen.senate.gov <mailto:sarah_holmes@shaheen.senate.gov> >,
"Kari.thurman@mail.house.gov <mailto:Kari.thurman@mail.house.gov> "
<Kari.thurman@mail.house.gov <mailto:Kari.thurman@mail.house.gov> >
Subject: Re: Health Study - Coakley Landfill

Hi Mindi. I have received your request. Please allow me some time to consider your request, and determine the best way to forward your request to the appropriate health agencies. As you know, the health agencies, as opposed to EPA, have the specific expertise to decide on and conduct such an assessment. I may end up having clarifying questions for you. I will get back to you within the next 10 days.

Thank you,

Bryan Olson

Sent from my iPhone

On Jul 23, 2019, at 10:00 PM, Mindi Messmer <nhsafewateralliance@gmail.com
<mailto:nhsafewateralliance@gmail.com> > wrote:

Hello Bryan-

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Co-Founder, New Hampshire Safe Water Alliance

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<1992 Coakley Health Assessment.pdf>

<PastedGraphic-1.tiff>

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To: Cianciarulo, Robert; Gutro, Doug; Dumville, Kelsey; Hull, Richard; Taylor, Melissa; Cassidy, Meghan; Somers, Tarah
Subject: Fwd: Health Study - Coakley Landfill

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From: "Olson, Bryan" <Olson.Bryan@epa.gov <mailto:Olson.Bryan@epa.gov> >
Date: July 23, 2019 at 10:17:20 PM EDT
To: Mindi Messmer <nhsafewateralliance@gmail.com
<mailto:nhsafewateralliance@gmail.com> >
Cc: Renny Cushing <reprennycushing@gmail.com
<mailto:reprennycushing@gmail.com> >, Phil Bean <philip@beaninsurance.com
<mailto:philip@beaninsurance.com> >, Mike Edgar <amedgar@comcast.net
<mailto:amedgar@comcast.net> >, Patricia Bushway <patjean56@yahoo.com
<mailto:patjean56@yahoo.com> >, "Clark, Peter (Shaheen"
<Peter_Clark@shaheen.senate.gov <mailto:Peter_Clark@shaheen.senate.gov> >, Patrick
Carroll <Patrick.Carroll@mail.house.gov <mailto:Patrick.Carroll@mail.house.gov> >,
"Holmes, Kerry (Hassan)" <Kerry_Holmes@hassan.senate.gov
<mailto:Kerry_Holmes@hassan.senate.gov> >, Sarah Holmes
<sarah_holmes@shaheen.senate.gov <mailto:sarah_holmes@shaheen.senate.gov> >,
"Kari.thurman@mail.house.gov <mailto:Kari.thurman@mail.house.gov> "
<Kari.thurman@mail.house.gov <mailto:Kari.thurman@mail.house.gov> >
Subject: Re: Health Study - Coakley Landfill

Hi Mindi. I have received your request. Please allow me some time to consider your request, and determine the best way to forward your request to the appropriate health agencies. As you know, the health agencies, as opposed to EPA, have the specific expertise to decide on and conduct such an assessment. I may end up having clarifying questions for you. I will get back to you within the next 10 days.

Thank you,
Bryan Olson

Sent from my iPhone

On Jul 23, 2019, at 10:00 PM, Mindi Messmer <nhsafewateralliance@gmail.com
<mailto:nhsafewateralliance@gmail.com> > wrote:

Hello Bryan-

Coakley Emails.txt

It was nice to see you today in Portsmouth. As discussed, the last health assessment was conducted by ATSDR in 1992 and is attached.

As stated in the last EPA meeting, we would like to formally request a health assessment, especially in light of the fact that the seacoast has a pediatric cancer cluster. The assessment should include all known outcomes associated with PFAS exposure, pediatric cancers, and male reproductive health outcomes. We also have elevated levels of pancreatic and breast cancer in the seacoast and children with brain and central nervous system cancers at about 3 times the expected rate.

Please confirm receipt and a path forward on this.

Thank you,
Mindi

Mindi Messmer
Co-Founder, New Hampshire Safe Water Alliance
nhsafewateralliance@gmail.com <mailto:nhsafewateralliance@gmail.com>

<1992 Coakley Health Assessment.pdf>

<PastedGraphic-1.tiff>

From: Olson, Bryan
Sent: Thursday, July 18, 2019 10:42 AM
To: Hull, Richard
Cc: Dumville, Kelsey; Cianciarulo, Robert; Taylor, Melissa; Sherman, RuthAnn
Subject: RE: Coakley Update - 7/18/19

Thanks Skip. No worries... I think Deb was looking for an overall site summary for HQ. Bryan

From: Hull, Richard
Sent: Thursday, July 18, 2019 10:40 AM
To: Olson, Bryan <Olson.Bryan@epa.gov>
Cc: Dumville, Kelsey <Dumville.Kelsey@epa.gov>; Cianciarulo, Robert <Cianciarulo.Bob@epa.gov>; Taylor, Melissa <Taylor.Melissag@epa.gov>; Sherman,

RuthAnn <sherman.ruthann@epa.gov>

Subject: RE: Coakley Update - 7/18/19

Hi Bryan. I saw from email traffic that you and Kelsey were looking for an update last week, but I was on vacation. But here is an update for Coakley. Moving forward I will get back on a bi-weekly schedule on this.

Skip

Updated July 18, 2019

1. Region 1 staff provided a guided tour of the Coakley site and surrounding area to IG staff on June 3. Following the tour, the IG's office held a public listening session in Greenland, NH on June 5. During its visit, the IG staff also met with representatives from NHDES and CLG. IG staff provided a briefing of the listening session to Region 1 staff on June 18. Region 1 staff then met again with IG staff via conference call on June 27 to respond to follow-up questions from the listening session. Region 1 staff then provided a written response to the IG, along with a written response to testimony submitted to the IG by Mindi Messmer, on July 3.

2. EPA and NHDES, along with CLG, held a public meeting in Greenland, NH on June 25. The meeting was convened to provide an update of activities completed at the Coakley site since the last community meeting in June 2018. The meeting was covered by local media. There were numerous questions regarding recent data. There was also continued criticism of EPA and NHDES failing to compel CLG to adopt active remediation to address PFAS.

3. CLG and its consultant have completed geophysical surveying and packer interval sampling of 9 historic bedrock boreholes surrounding the landfill and GMZ. This work was directed as part of the ongoing bedrock investigation. Packer interval sampling results are preliminary, but show primarily no, or very low detections of 1,4 dioxane and PFAS. Two wells, one immediately east of the landfill and another immediately downstream of the Rye Landfill, had detections of 1,4 dioxane above the new NHDES standard of 0.32 ug/L, but below 3.0 ug/L. These two wells also had detections of PFAS at low levels, below the MCL standards proposed by

the NHDES. These results are preliminary and CLG will submit the data to EPA and NHDES when the results are validated and finalized.

4. CLG's contractor has initiated an investigation to identify additional groundwater and leachate discharge points that may be present in wetlands downstream of the landfill. CLG has confirmed locations of groundwater discharge in to surface water and has installed additional piezometers to isolate shallow groundwater for sampling. This is being done in conjunction with the sampling of surface runoff from the landfill cap to further delineate and distinction between contamination in groundwater and surface runoff that may be entering the wetland area.

5. As part of the CLG's ongoing investigation of the extent of PFAS contamination associated with the landfill cap material and stormwater runoff, its consultant is assessing landfill cap performance using EPA's Hydrologic Evaluation of Landfill Performance (HELP) model. Wet weather sampling of surface and underdrain discharge locations was conducted in fall 2018 and again this spring. The results collected in June are being finalized and CLG will be submitting a report of the two rounds of sampling, along with conclusions and recommendations, in early September.

6. CLG continues to monitor and maintain two water supply treatment systems that it installed at the Breakfast Hill Golf Club and a residential well in November 2018, as directed by NHDES after sampling results showed 1,4 dioxane above 0.32 ug/L.

7. CLG conducted semi-annual sampling in the spring and is preparing a report for submission. Sampling of private wells showed results consistent with prior results and data has been provided to the property owners.

Please let me know if you have any questions.

Richard W. Hull, Project Manager

USEPA New England, Region 1

Coakley Emails.txt

5 Post Office Square, Suite 100, 7-1

Boston, MA 02109-3912

Hull.Richard@epa.gov <mailto:Hull.Richard@epa.gov>

(617) 918-1882

From: Hull, Richard

Sent: Thursday, May 30, 2019 2:19 PM

To: Olson, Bryan <Olson.Bryan@epa.gov <mailto:Olson.Bryan@epa.gov> >

Cc: Dumville, Kelsey <Dumville.Kelsey@epa.gov <mailto:Dumville.Kelsey@epa.gov> >;

Cianciarulo, Robert <Cianciarulo.Bob@epa.gov <mailto:Cianciarulo.Bob@epa.gov> >;

Taylor, Melissa <Taylor.Melissag@epa.gov <mailto:Taylor.Melissag@epa.gov> >;

Sherman, RuthAnn <sherman.ruthann@epa.gov <mailto:sherman.ruthann@epa.gov> >

Subject: RE: Coakley Update - 3/21/19

Hi Bryan. I am providing the bi-weekly update for Coakley. I would only highlight the IG activities for next week. Otherwise, ongoing investigation work and regular sampling continues.

Skip

Updated May 30, 2019

1. As part of the IG's ongoing review which includes Coakley, representatives will be touring the Site on June 3. Skip, Melissa and Kelsey will be participating. We also understand that the IG has scheduled "one-on-one" meetings with both the CLG and NHDES. The IG team is also convening a public listening session to be held on June 5, 6-8pm at the Bethany Church in Greenland. The Region will be represented by someone from the Public Affairs office. The IG team has stressed its preference that EPA representatives directly involved at the Site not attend the listening session. And finally, I'm sure you saw the one-pager that Melissa sent to Lois Gartner for the Administrators meeting with the IG.

2. On May 15, EPA and NHDES met with members of CLG and its consultants to review work completed to date as part of the bedrock investigation and to identify data gaps and additional work. CLG presented an updated conceptual site model based on data collected over the past year as part of the bedrock investigation. It is anticipated that the bedrock investigation will continue and be completed within a year, consistent with EPA's original estimate of 2 years.
3. CLG has now gained access, redeveloped and surveyed 7 historic bedrock boreholes as part of the ongoing bedrock investigation. Packer interval sampling of the 7 wells is scheduled to begin the week of June 3. This data, along with geophysical and packer sampling results from the 3 newly installed bedrock boreholes will be used to update the site conceptual model for groundwater flow in bedrock. CLG has also gained access to 1 of 2 additional historic bedrock wells and will be conducting surveying and sampling of that well beginning the week of June 3. One historic well remains and CLG continues to negotiate access.
4. Spring sampling, including sampling for PFAS at about 20 residential wells, was conducted in May and samples are being analyzed by the lab.
5. CLG's contractor has initiated an investigation to identify additional groundwater and leachate discharge points that may be present in wetlands downstream of the landfill. CLG has confirmed locations of groundwater discharge into surface water and has installed additional piezometers to isolate shallow groundwater for sampling. This is being done in conjunction with the sampling of surface runoff from the landfill cap to further delineate and distinguish between contamination in groundwater and surface runoff that may be entering the wetland area.
6. As part of the CLG's ongoing investigation of the extent of PFAS contamination associated with the landfill cap material and stormwater runoff, its consultant is assessing landfill cap performance using EPA's Hydrologic Evaluation of Landfill Performance (HELP) model. Additional wet weather sampling of surface and underdrain discharge locations will be conducted at the time of an adequate rainfall event.
7. CLG submitted results from packer testing of three bedrock boreholes installed as part of the ongoing bedrock investigation. The boreholes were installed to the north, north-west, and due west of the landfill. The results for the well installed to the west of the landfill (about 1300 feet from the landfill

Coakley Emails.txt

and 3000 feet from Falls Way), was ND for PFAS and 1,4 dioxane. The other two wells had low-level detections of both PFAS (high = 4.62 ng/L PFOA) and 1,4 dioxane (high = 0.55 ug/L). We have not drawn any conclusions from this isolated data and will be compiling it with the rest of the bedrock investigation data to update the conceptual site model. CLG will be completing the borehole nearest the landfill and residential wells with two screened wells for long-term sampling. The other two boreholes will remain open until further water level transducer data is collected.

Richard W. Hull, Project Manager

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Hull.Richard@epa.gov <mailto:Hull.Richard@epa.gov>

(617) 918-1882

From: Hull, Richard

Sent: Thursday, May 16, 2019 1:30 PM

To: Olson, Bryan <Olson.Bryan@epa.gov <mailto:Olson.Bryan@epa.gov> >

Cc: Dumville, Kelsey <Dumville.Kelsey@epa.gov <mailto:Dumville.Kelsey@epa.gov> >;

Cianciarulo, Robert <Cianciarulo.Bob@epa.gov <mailto:Cianciarulo.Bob@epa.gov> >;

Taylor, Melissa <Taylor.Melissag@epa.gov <mailto:Taylor.Melissag@epa.gov> >

Subject: RE: Coakley Update - 3/21/19

Hi Bryan. Here is my bi-weekly update for Coakley. Let me know if you have any questions.

Skip

Updated May 16, 2019

Coakley Emails.txt

1. On May 1, EPA provided OIG documents requested regarding risk communication at Coakley. This was part of a larger audit that includes other sites from around the country. OIG has tentatively schedule a site visit to Coakley for June 3, and may conduct a community listening session as it has done for other sites included in the review. EPA provided an update to NH congressional staff on May 16.
2. On May 15, EPA and NHDES met with members of CLG and its consultants to review work completed to date as part of the bedrock investigation and to identify data gaps and additional work. CLG presented an updated conceptual site model based on data collected over the past year as part of the bedrock investigation. It is anticipated that the bedrock investigation will continue and be completed within a year, consistent with EPA's original estimate of 2 years.
3. CLG's contractor has initiated an investigation to identify additional groundwater and leachate discharge points that may be present in wetlands downstream of the landfill. CLG has confirmed locations of groundwater discharge in to surface water and has installed additional piezometers to isolate shallow groundwater for sampling. This is being done in conjunction with the sampling of surface runoff from the landfill cap to further delineate and distinction between contamination in groundwater and surface runoff that may be entering the wetland area.
4. As part of the CLG's ongoing investigation of the extent of PFAS contamination associated with the landfill cap material and stormwater runoff, its consultant is assessing landfill cap performance using EPA's Hydrologic Evaluation of Landfill Performance (HELP) model. Additional wet weather sampling of surface and underdrain discharge locations will be conducted at the time of an adequate rainfall event.
5. CLG submitted results from packer testing of three bedrock boreholes installed as part of the ongoing bedrock investigation. The boreholes were installed to the north, north-west, and due west of the landfill. The results for the well installed to the west of the landfill (about 1300 feet from the landfill and 3000 feet from Falls Way), was ND for PFAS and 1,4 dioxane. The other two wells had low-level detections of both PFAS (high = 4.62 ng/L PFOA) and 1,4 dioxane (high = 0.55 ug/L). We have not drawn any conclusions from this isolated data and will be compiling it with the rest of the bedrock investigation data to update the conceptual site model. EPA and NHDES are working with CLG on a plan for retaining the open boreholes for future data collection and pump testing, prior to completing the boreholes as monitoring wells.

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6. CLG has now gained access, redeveloped and surveyed 7 historic bedrock boreholes as part of the ongoing bedrock investigation. CLG has also made recommendations of fracture intervals to be sampled using inflatable packer testing and will initiate sampling in early June. This data, along with geophysical and packer sampling results from the 3 newly installed bedrock boreholes will be used to update the site conceptual model for groundwater flow in bedrock. CLG continues to pursue access to at least 2 more historic bedrock wells, and is coordinating with EPA to issue an Access Order to one of the property owners.

7. CLG has initiated spring sampling, including sampling for PFAS at about 20 residential wells, which is scheduled to be completed in May.

8. CLG submitted a draft 2018 sampling results report on March 12. Most results from the fall monitoring round are consistent with past results, including PFAS results from residential wells. Data validated results have been provided to the residents that were sampled. In the report, CLG recommends a number of changes to the monitoring program, including reducing groundwater monitoring well and residential well sampling from semi-annually to annually. EPA is coordinating with NHDES to respond to this recommendation.

Richard W. Hull, Project Manager

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Hull.Richard@epa.gov <mailto:Hull.Richard@epa.gov>

(617) 918-1882

From: Hull, Richard

Sent: Thursday, April 04, 2019 12:07 PM

To: Olson, Bryan <Olson.Bryan@epa.gov <mailto:Olson.Bryan@epa.gov> >

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Cc: Murphy, Jim <Murphy.Jim@epa.gov <mailto:Murphy.Jim@epa.gov> >; Dumville, Kelsey <Dumville.Kelsey@epa.gov <mailto:Dumville.Kelsey@epa.gov> >; Cianciarulo, Robert <Cianciarulo.Bob@epa.gov <mailto:Cianciarulo.Bob@epa.gov> >; Taylor, Melissa <Taylor.Melissag@epa.gov <mailto:Taylor.Melissag@epa.gov> >
Subject: RE: Coakley Update - 3/21/19

Hi Bryan,

Hi Bryan. Bi-weekly update for Coakley.

Let me know if you have any questions.

Skip

Updated April 4, 2019

1. CLG's contractor has initiated an investigation to identify additional groundwater and leachate discharge points that may be present in wetlands downstream of the landfill. This is being done in conjunction with the sampling of surface runoff from the landfill cap to further delineate and distinction between contamination in groundwater and surface runoff that may be entering the wetland area.

2. Samples of storm water runoff and infiltration from the landfill cover, retention basins, discharge culverts, underdrain discharge locations and landfill seep locations were collected last October. Samples of landfill cover materials were also collected in November. These samples were collected in accordance with a work plan that CLG prepared and EPA reviewed and approved, to further investigate the extent of PFAS contamination associated with landfill cover material. Preliminary results show high levels of PFAS in runoff from both the landfill cover and underdrain discharges. The landfill cover material and top soil also contained high levels of PFAS. These results are preliminary and have not been submitted or published. Additional wet weather sampling at these locations will be conducted in late April/ early May. EPA and NHDES provided comments for modifications to the

sampling and additional sampling that should be incorporated in to the spring sampling round.

3. CLG submitted results from packer testing of three bedrock boreholes installed as part of the ongoing bedrock investigation. The boreholes were installed to the north, north-west, and due west of the landfill. The results for the well installed to the west of the landfill (about 1300 feet from the landfill and 3000 feet from Falls Way), was ND for PFAS and 1,4 dioxane. The other two wells had low-level detections of both PFAS (high = 4.62 ng/L PFOA) and 1,4 dioxane (high = 0.55 ug/L). We have not drawn any conclusions from this isolated data and will be compiling it with the rest of the bedrock investigation data to update the conceptual site model. EPA and NHDES are working with CLG on a plan for retaining the open boreholes for future data collection and pump testing, prior to completing the boreholes as monitoring wells.

4. CLG has now gained access, redeveloped and surveyed 7 historic bedrock boreholes as part of the ongoing bedrock investigation, and is pursuing access to at least 2 more historic bedrock wells. CLG will submit a report that compiles the geophysical survey information from these wells and recommends fracture zones to be sampled via packer interval sampling. This data, along with geophysical and packer sampling results from the 3 newly installed bedrock boreholes will be used to update the site conceptual model for groundwater flow in bedrock.

5. CLG submitted a draft 2018 sampling results report on March 12. Most results from the fall monitoring round are consistent with past results, including PFAS results from residential wells. Data validated results have been provided to the residents that were sampled. In the report, CLG recommends a number of changes to the monitoring program, including reducing groundwater monitoring well and residential well sampling from semi-annually to annually. EPA is coordinating with NHDES to respond to this recommendation.

6. EPA issued a response to the CLG's fish tissue sampling results report on March 18. EPA's response outlined the focused risk assessment that was conducted by EPA based on the fish tissue results for PFAS. The response also outlined the data validation that was conducted by EPA. After review of the data and performance of the focused risk assessment, EPA concluded that the risk of recreational fish consumption in Berrys Brook is lower than EPA's acceptable risk limit of HI =1, and that no further fish tissue sampling is required at this time.

Coakley Emails.txt

Richard W. Hull, Project Manager

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Hull.Richard@epa.gov <mailto:Hull.Richard@epa.gov>

(617) 918-1882

From: Hull, Richard

Sent: Thursday, March 21, 2019 10:36 AM

To: Olson, Bryan <Olson.Bryan@epa.gov <mailto:Olson.Bryan@epa.gov> >

Cc: Murphy, Jim <Murphy.Jim@epa.gov <mailto:Murphy.Jim@epa.gov> >; Dumville, Kelsey <Dumville.Kelsey@epa.gov <mailto:Dumville.Kelsey@epa.gov> >; Cianciarulo, Robert <Cianciarulo.Bob@epa.gov <mailto:Cianciarulo.Bob@epa.gov> >; Taylor, Melissa <Taylor.Melissag@epa.gov <mailto:Taylor.Melissag@epa.gov> >

Subject: RE: Coakley Update - 3/21/19

Hi Bryan,

Coakley bi-weekly update. Not a lot of significance since two weeks ago, but let me know if you have any questions.

Skip

Updated March 21, 2019

1. EPA and NHDES met with met with CLG's project manager, Peter Britz, and consultants on February 27, to discuss the results from stormwater runoff sampling. Samples of storm water runoff and infiltration from the landfill cover, retention basins, discharge culverts, underdrain discharge locations and landfill seep locations were collected last October. Samples of landfill cover materials were also collected in November. These samples were collected in accordance with a work plan that CLG prepared and EPA reviewed and approved, to further investigate the extent of PFAS contamination associated with landfill cover material. Preliminary results show high levels of PFAS in runoff from both the landfill cover and underdrain discharges. The landfill cover material and top soil also contained high levels of PFAS. These results are preliminary and have not been submitted or published. Additional wet weather sampling at these locations will be conducted in the spring. EPA and NHDES provided comments for modifications to the sampling and additional sampling that should be incorporated in to the spring sampling round.

2. CLG submitted results from packer testing of three bedrock boreholes installed as part of the ongoing bedrock investigation. The boreholes were installed to the north, north-west, and due west of the landfill. The results for the well installed to the west of the landfill (about 1300 feet from the landfill and 3000 feet from Falls Way), was ND for PFAS and 1,4 dioxane. The other two wells had low-level detections of both PFAS (high = 4.62 ng/L PFOA) and 1,4 dioxane (high = 0.55 ug/L). We have not drawn any conclusions from this isolated data and will be compiling it with the rest of the bedrock investigation data to update the conceptual site model. EPA and NHDES are working with CLG on a plan for retaining the open boreholes for future data collection and pump testing, prior to completing the boreholes as monitoring wells.

3. CLG has now gained access, redeveloped and surveyed 7 historic bedrock boreholes as part of the ongoing bedrock investigation, and is pursuing access to at least 2 more historic bedrock wells. CLG will submit a report the week of March 25, that compiles the geophysical survey information from these wells and recommends fracture zones to be sampled via packer interval sampling. This data, along with geophysical and packer sampling results from the 3 newly installed bedrock boreholes will be used to update the site conceptual model for groundwater flow in bedrock.

4. CLG submitted a draft 2018 sampling results report on March 12. Most results from the fall monitoring round are consistent with past results, including PFAS results from residential wells. Data validated results have been provided to the residents that were sampled.

Coakley Emails.txt

5. EPA issued a response to the CLG's fish tissue sampling results report on March 18. EPA's response outlined the focused risk assessment that was conducted by EPA based on the fish tissue results for PFAS. The response also outlined the data validation that was conducted by EPA. After review of the data and performance of the focused risk assessment, EPA concluded that the risk of recreational fish consumption in Berrys Brook is lower than EPA's acceptable risk limit of HI =1, and that no further fish tissue sampling is required at this time.

6. An update to the community contact list will be provided next week and will include links to all recent reports and correspondence.

Richard W. Hull, Project Manager

USEPA New England, Region 1

5 Post Office Square, Suite 100

OSRR07-1

Boston, MA 02109-3912

Hull.Richard@epa.gov <mailto:Hull.Richard@epa.gov>

(617) 918-1882

From: Hull, Richard

Sent: Thursday, March 07, 2019 11:48 AM

To: Olson, Bryan <Olson.Bryan@epa.gov <mailto:Olson.Bryan@epa.gov> >

Cc: Murphy, Jim <Murphy.Jim@epa.gov <mailto:Murphy.Jim@epa.gov> >; Dumville, Kelsey <Dumville.Kelsey@epa.gov <mailto:Dumville.Kelsey@epa.gov> >; Cianciarulo, Robert <Cianciarulo.Bob@epa.gov <mailto:Cianciarulo.Bob@epa.gov> >; Taylor, Melissa <Taylor.Melissag@epa.gov <mailto:Taylor.Melissag@epa.gov> >

Subject: RE: Coakley Update -12/12/18

Coakley Emails.txt

Hi Bryan,

I'm back on the bi-weekly schedule for the updates for Coakley. A significant development is the results from the sampling of stormwater runoff, underdrain collection system discharge and material from the landfill cover (see below).

Let me know if you have any questions.

Skip

Updated March 7, 2019

1. CLG submitted results from packer testing of three bedrock boreholes installed as part of the ongoing bedrock investigation. The boreholes were installed to the north, north-west, and due west of the landfill. The results for the well installed to the west of the landfill (about 1300 feet from the landfill and 3000 feet from Falls Way), was ND for PFAS and 1,4 dioxane. The other two wells had low-level detections of both PFAS (high = 4.62 ng/L PFOA) and 1,4 dioxane (high = 0.55 ug/L). We have not drawn any conclusions from this isolated data and will be compiling it with the rest of the bedrock investigation data to update the conceptual site model. EPA and CLG are developing a plan for completing the boreholes as monitoring wells.

2. CLG has now gained access, redeveloped and surveyed 7 historic bedrock boreholes as part of the ongoing bedrock investigation, and is pursuing access to at least 2 more historic bedrock wells. CLG will compile geophysical survey information from these wells and submit recommendations for fracture zones to be sampled via packer interval sampling. This data, along with geophysical and packer sampling results from the 3 newly installed bedrock boreholes will be used to update the site conceptual model for groundwater flow in bedrock.

3. Samples of storm water runoff and infiltration from the landfill cover, retention basins, discharge culverts, underdrain discharge locations and landfill

Coakley Emails.txt

seep locations were collected last October. Samples of landfill cover materials were also collected in November. These samples were collected in accordance with a work plan that CLG prepared and EPA reviewed and approved, to further investigate the extent of PFAS contamination associated with landfill cover material. Preliminary results show high levels of PFAS in runoff from both the landfill cover and underdrain discharges. The landfill cover material and top soil also contained high levels of PFAS. These results are preliminary and have not been submitted or published. Additional wet weather sampling at these locations will be conducted in the spring.

4. Preliminary results from the CLG's fall monitoring round show results consistent with past results, including PFAS results from residential wells. Data validated results have been provided to the residents sampled and CLG is preparing a comprehensive annual data report for 2018 for submission.

5. Underwood Engineers, consultant to the City of Portsmouth, completed a study of the feasibility of extending a water supply line down Breakfast Hill Road in Greenland and reports that it would cost between \$18 - \$25 million to connect about 240 homes and five business. The study was paid for with a grant from the NHDES to the City of Portsmouth. The design would require the construction of a water tower to provide required pressure and would increase the demand on the City of Portsmouth's water system by about 35,000 gallons per day. Underwood Engineers presented the results of the feasibility study to the City of Portsmouth and the Town of Greenland.

Richard W. Hull, Project Manager

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Coakley Emails.txt

From: Hull, Richard
Sent: Thursday, February 07, 2019 9:43 AM
To: Olson, Bryan <Olson.Bryan@epa.gov <mailto:Olson.Bryan@epa.gov> >
Cc: Murphy, Jim <Murphy.Jim@epa.gov <mailto:Murphy.Jim@epa.gov> >; Dumville, Kelsey <Dumville.Kelsey@epa.gov <mailto:Dumville.Kelsey@epa.gov> >; Cianciarulo, Robert <Cianciarulo.Bob@epa.gov <mailto:Cianciarulo.Bob@epa.gov> >; Taylor, Melissa <Taylor.Melissag@epa.gov <mailto:Taylor.Melissag@epa.gov> >
Subject: RE: Coakley Update -12/12/18

Hi Bryan. Having missed a few bi-weekly updates during the shutdown, the information below does include some significant progress since the last update of December 12. Let me know if you have any questions. FYI – I am also providing this to Kelsey for an upcoming call between Deb and new NH congressional.

Updated February 6, 2019

1. Treatment systems were installed by the CLG in November 2018 at two water supply wells, 368 Breakfast Hill Road residence and Breakfast Hill Golf Club, that had exceeded the new AGQS for 1,4 dioxane. Two rounds of post-treatment samples have been collected and 1,4 dioxane was not detected. DES is requiring that the CLG expand the GMZ to incorporate these two properties.
2. CLG submitted results from packer testing of newly installed bedrock boreholes. Samples from isolated fractures were analyzed for PFAS, 1,4 dioxane and VOCs. PFAS and 1,4 dioxane were detected a few fractures from 2 of the 3 new boreholes. Along with the data, CLG submitted a proposal for completing each of the boreholes.
3. CLG has now gained access, redeveloped and surveyed 7 historic bedrock boreholes as part of the ongoing bedrock investigation, and is pursuing access to at least 2 more historic bedrock well. CLG will compile geophysical survey information from these wells and submit recommendations for fracture zones to be sampled via packer interval sampling. This data, along with geophysical and packer sampling results from the 3 newly installed bedrock boreholes will be used to update the site conceptual model for groundwater flow in bedrock.

4. Samples of storm water runoff and infiltration from the landfill cover, retention basins, discharge culverts, underdrain discharge locations and landfill seep locations were collected last October. These samples were collected in accordance with a work plan that CLG prepared and EPA reviewed and approved, to further investigate the extent of PFAS contamination associated with landfill cover material. Samples have been analyzed and results will be provided once the data is reported by the lab and validated. Additional wet weather sampling at these locations will be conducted in the spring. Samples of landfill cover materials (vegetative cover, compost, liner) have also been collected and are being analyzed.
5. EPA issued a Work Authorization Form under the Interagency Agreement with the USGS for the refinement of a hydrogeologic model of groundwater flow in bedrock at and near the Coakley Landfill. The modeling effort is scheduled to take one year to complete and will incorporate all new bedrock information and data collected as part of the ongoing bedrock investigation.
6. Preliminary results from the CLG's fall monitoring round show results consistent with past results, including PFAS results from residential wells. Data validated results have been provided to the residents sampled and CLG is preparing a comprehensive annual data report for 2018 for submission.
7. Underwood Engineers, consultant to the City of Portsmouth, completed a study of the feasibility of extending a water supply line down Breakfast Hill Road in Greenland and reports that it would cost between \$18 - \$25 million to connect about 240 homes and five business. The study was paid for with a grant from the NHDES to the City of Portsmouth. The design would require the construction of a water tower to provide required pressure and would increase the demand on the City of Portsmouth's water system by about 35,000 gallons per day. Underwood Engineers presented the results of the feasibility study to the City of Portsmouth and the Town of Greenland.

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Hull.Richard@epa.gov <mailto:Hull.Richard@epa.gov>

(617) 918-1882

From: Hull, Richard

Sent: Wednesday, December 12, 2018 4:01 PM

To: Olson, Bryan <Olson.Bryan@epa.gov <mailto:Olson.Bryan@epa.gov> >

Cc: Murphy, Jim <Murphy.Jim@epa.gov <mailto:Murphy.Jim@epa.gov> >; Dumville, Kelsey <Dumville.Kelsey@epa.gov <mailto:Dumville.Kelsey@epa.gov> >; Cianciarulo, Robert <Cianciarulo.Bob@epa.gov <mailto:Cianciarulo.Bob@epa.gov> >; Taylor, Melissa <Taylor.Melissag@epa.gov <mailto:Taylor.Melissag@epa.gov> >

Subject: RE: Coakley Update -12/12/18

Hi Bryan. Here is a bi-weekly update for Coakley. My apologies for not providing an update on November 29.

Updated December 12, 2018

1. Treatment systems have been installed by the CLG at the two wells, 368 Breakfast Hill Road residence and Breakfast Hill Golf Club, that had recently exceeded the new AGQS for 1,4 dioxane. The systems are operating and have been approved by DES. Post-treatment samples were collected and 1,4 dioxane was not detected. DES is requiring that the CLG expand the GMZ to incorporate these two properties.

2. CLG submitted results from packer testing of newly installed bedrock boreholes. Samples from isolated fractures were analyzed for PFAS, 1,4 dioxane and VOCs. PFAS and 1,4 dioxane were detected a few fractures from 2 of the 3 new boreholes. Along with the data, CLG submitted a proposal for completing each of the boreholes.

3. CLG has gained access to 6 historic bedrock boreholes for surveying and sampling. Well redevelopment of 4 of the wells began the week of Dec. 10 and borehole geophysics will be initiated the week of Dec. 17. CLG has also gained access to survey and sample an existing supply well located on a parcel adjacent to the landfill. CLG continues to pursue access at 3 additional historic bedrock boreholes.

4. Wet weather storm water runoff samples were collected from landfill cover retention basins and discharge culverts, underdrain discharge locations and landfill seep locations on October 27. These samples were collected in accordance with a work plan that CLG prepared and EPA reviewed and approved, to further investigate the extent of PFAS contamination associated with landfill cover material. Samples are being analyzed and results will be provided once the data is reported by the lab. Additional wet weather sampling at these locations will be conducted in the spring. Samples of landfill cover materials (vegetative cover, compost, liner) have also been collected and are being analyzed.

5. Representatives from USGS visited the site on October 24 to become more familiar with site features and to discuss the scope of work for developing a localized flow model. Based on the findings of this visit, the USGS revised its scope of work and a Work Authorization Form was issued under the Interagency Agreement with the USGS.

6. Preliminary results from the fall LTEMP monitoring round show results consistent with past results, including PFAS results from residential wells. Data validated results should be available by the end of December, at which time they will be provided to the residents sampled.

Let me know if you have any questions on this.

Skip

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From: Hull, Richard

Sent: Thursday, November 15, 2018 12:42 PM

To: Olson, Bryan <Olson.Bryan@epa.gov <mailto:Olson.Bryan@epa.gov> >

Cc: Murphy, Jim <Murphy.Jim@epa.gov <mailto:Murphy.Jim@epa.gov> >; Dumville, Kelsey <Dumville.Kelsey@epa.gov <mailto:Dumville.Kelsey@epa.gov> >; Cianciarulo, Robert <Cianciarulo.Bob@epa.gov <mailto:Cianciarulo.Bob@epa.gov> >; Taylor, Melissa <Taylor.Melissag@epa.gov <mailto:Taylor.Melissag@epa.gov> >

Subject: RE: Coakley Update -10/4/18

Bryan, detailed below is my bi-weekly update for Coakley.

Updated November 15, 2018

1. Treatment systems have been installed by the CLG at the two wells, 368 Breakfast Hill Road residence and Breakfast Hill Golf Club, that had recently exceeded the new AGQS for 1,4 dioxane. The systems are operating and have been approved by DES. DES is requiring that the CLG expand the GMZ to incorporate these two properties.

2. Samples from packer testing of newly installed bedrock boreholes have been analyzed for PFAS, 1,4 dioxane and VOCs, and preliminary data has been provided. Final data is anticipated to be submitted next week. The CLG continues to pursue access to 7 historic boreholes for surveying and sampling and has gained verbal

agreement to access 3 of the wells.

3. Wet weather storm water runoff samples were collected from landfill cover retention basins and discharge culverts, underdrain discharge locations and landfill seep locations on October 27. These samples were collected in accordance with a work plan that CLG prepared and EPA reviewed and approved, to further investigate the extent of PFAS contamination associated with landfill cover material. Samples are being analyzed and results will be provided once the data is reported by the lab. Additional sampling at these locations will be conducted in the spring.

4. Representatives from USGS visited the site on October 24 to become more familiar with site features and to discuss the scope of work for developing a localized flow model. Based on the findings of this visit, the USGS prepared a revised scope of work which has been reviewed by EPA an interagency agreement for the development of this flow model is being finalized. Development of this model is scheduled to take about 6-9 months.

Let me know if you have any questions on this.

Skip

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(617) 918-1882

From: Hull, Richard

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Sent: Thursday, November 01, 2018 1:49 PM

To: Olson, Bryan <Olson.Bryan@epa.gov <mailto:Olson.Bryan@epa.gov> >

Cc: Murphy, Jim <Murphy.Jim@epa.gov <mailto:Murphy.Jim@epa.gov> >; Dumville, Kelsey <Dumville.Kelsey@epa.gov <mailto:Dumville.Kelsey@epa.gov> >; Cianciarulo, Robert <Cianciarulo.Bob@epa.gov <mailto:Cianciarulo.Bob@epa.gov> >; Taylor, Melissa <Taylor.Melissag@epa.gov <mailto:Taylor.Melissag@epa.gov> >

Subject: RE: Coakley Update -10/4/18

Hi Bryan,

Bi-weekly update for Coakley.

Updated November 1, 2018

1. EPA and NHDES reviewed and approved proposed fracture zones for packer sampling from 3 new bedrock boreholes. Packer sampling for PFAS, 1,4 dioxane and VOCs has been completed and preliminary data (not validated) has been provided. Boreholes were sampled and analyzed for VOCs, PFAS and 1,4 dioxane. The CLG continues to pursue access to 7 historic boreholes for surveying and sampling. Some of these boreholes are located to the east and south of the landfill.

2. The CLG and NHDES collected samples from two wells (one residential at 368 Breakfast Hill Road, golf course clubhouse) that had previously had 1,4 dioxane levels above the now promulgated state standard of 0.32 ppb. The state directed the CLG to take these samples (DES collected split samples) after adoption of the new standard. The DES samples were above 0.32 ppb (0.38 ppb residential well, 0.61 ppb golf course clubhouse). October 5, DES sent the CLG a letter directing it to provide bottled water for the residential well owners and develop a plan for corrective action within 30 days. DES is preparing a similar letter for the golf course clubhouse well (results just received) for issuance today. The golf course clubhouse well is actually a regulated "transient non-community" system. The CLG sample results are undergoing data validation and have not yet been made available.

3. Mark Gearreald, attorney for the Town of Hampton, provided a statement from

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Tom Ballestero to the Commission at its meeting on October 10. A response was provided to Mark Gearreald and the commission prior to its meeting on October 24.

4. Wet weather storm water runoff samples were collected from landfill cover retention basins and discharge culverts, underdrain discharge locations and landfill seep locations on October 27. These samples were collected in accordance with a work plan that CLG prepared and EPA reviewed and approved, to further investigate the extent of PFAS contamination associated with landfill cover material.

5. Representatives from USGS visited the site on October 24 to become more familiar with site features and to discuss the scope of work for developing a localized flow model. A revised scope of work has been submitted based on this site visit and EPA comments. Upon review and approval, EPA will enter in to an interagency agreement for the development of this flow model.

6. Bob Sullivan, attorney for the City of Portsmouth and former chair of the CLG board, resigned his position from the board. A replacement has not yet been named.

Let me know if you have any questions.

Skip

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(617) 918-1882

From: Hull, Richard
Sent: Thursday, October 18, 2018 5:34 PM
To: Cianciarulo, Robert <Cianciarulo.Bob@epa.gov <mailto:Cianciarulo.Bob@epa.gov> >; Taylor, Melissa <Taylor.Melissag@epa.gov <mailto:Taylor.Melissag@epa.gov> >; Olson, Bryan <Olson.Bryan@epa.gov <mailto:Olson.Bryan@epa.gov> >
Cc: Murphy, Jim <Murphy.Jim@epa.gov <mailto:Murphy.Jim@epa.gov> >; Dumville, Kelsey <Dumville.Kelsey@epa.gov <mailto:Dumville.Kelsey@epa.gov> >
Subject: RE: Coakley Update -10/4/18

Hi Bryan,

Bi-weekly update for Coakley Landfill. Not much to update relative to ongoing investigation work, except that it is ongoing. There are a couple of things that came out of the leg. comm. meeting last week as well as some new information related to the DES enforcing its new 1,4 dioxane standard.

Updated October 18, 2018

1. The NHDES MtBE bureau completed sampling of additional residential wells in Greenland, North Hampton and Rye. Samples were submitted to, and analyzed by OEME and results have been provided to the residents. Of the 20 original requests, 14 wells were sampled (3 previously sampled by NHDES, 2 residents moved, 1 sampled on their own). Summary of results:

- * 7 of 14 were ND for PFAS
- * PFOA detected in 7 wells
- * PFOS, PFBS and PFHxS also detected
- * No results either individually or collectively were above 70 ppt
- * One PFBS result at 14 ppt; otherwise all results below 6 ppt

2. EPA and NHDES reviewed and approved proposed fracture zones for packer

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sampling from 3 new bedrock boreholes. Packer sampling for PFAS, 1,4 dioxane and VOCs has been completed but results are not yet available. Boreholes were sampled and analyzed for VOCs, PFAS and 1,4 dioxane. The CLG continues to pursue access to 7 historic boreholes for surveying and sampling. Some of these boreholes are located to the east and south of the landfill.

3. The CLG and NHDES collected samples from two wells (one residential at 368 Breakfast Hill Road, golf course clubhouse) that had previously had 1,4 dioxane levels above the now promulgated state standard of 0.32 ppb. The state directed the CLG to take these samples (DES collected split samples) after adoption of the new standard. The DES sample was above 0.32 ppb (0.38 ppb) and so on October 5, DES sent the CLG a letter directing it to provide bottled water and develop a plan for corrective action within 30 days. The CLG results have not yet been made available.

4. Mark Gearreald, attorney for the Town of Hampton, provided a statement from Tom Ballestero (attached) to the Commission at its meeting on October 10. In the two-page statement, Mr. Ballestero reiterates some of his prior assertions and interpretations related to flow and contaminant transport at the landfill and asks for a "more urgent response at the Coakley Landfill". Mr. Ballestero also asserts that none of his suggestions have been implemented and that errors in the conceptual model that he has pointed out have "been largely ignored." Worth noting is that Mr. Ballestero does state that "radial flow continued up until the landfill was capped" and that "landfill capping most likely affected groundwater flow at the landfill..." which is something he has not acknowledged in the past. Jim Murphy committed to a response to this statement for the next commission meeting.

Let me know if you have any questions.

Skip

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(617) 918-1882

From: Hull, Richard

Sent: Thursday, October 04, 2018 11:28 AM

To: Cianciarulo, Robert <Cianciarulo.Bob@epa.gov <mailto:Cianciarulo.Bob@epa.gov> >; Taylor, Melissa <Taylor.Melissag@epa.gov <mailto:Taylor.Melissag@epa.gov> >; Olson, Bryan <Olson.Bryan@epa.gov <mailto:Olson.Bryan@epa.gov> >

Cc: Murphy, Jim <Murphy.Jim@epa.gov <mailto:Murphy.Jim@epa.gov> >; Dumville, Kelsey <Dumville.Kelsey@epa.gov <mailto:Dumville.Kelsey@epa.gov> >

Subject: RE: Coakley Update -10/4/18

Hi Bryan,

Bi-weekly update for Coakley Landfill. I've also include this information in an update to the Legislative Commission, along with responses to a couple of specific questions from the last meeting. The Commission is meeting again next week.

Let me know if you have any questions.

Skip

Updated October 4, 2018

1. Note this summary of residential sampling is amended from the Sept. 24 update: The NHDES MtBE bureau completed sampling of additional residential wells in Greenland, North Hampton and Rye. Samples were submitted to, and analyzed by OEME and results have been provided to the residents. Of the 20 original requests, 14 wells were sampled (3 previously sampled by NHDES, 2 residents moved, 1 sampled on

their own). Summary of results:

- * 7 of 14 were ND for PFAS
- * PFOA detected in 7 wells
- * PFOS, PFBS and PFHxS also detected
- * No results either individually or collectively were above 70 ppt
- * One PFBS result at 14 ppt; otherwise all results below 6 ppt

2. The results of fish tissue sampling and analysis were reported to EPA on September 4. Fish were collected from five different locations in Berrys Brook ranging from about 1 mile to about 5 miles from the landfill. Of the six PFAS analyzed, PFOA, PFOS and PFNA were detected. PFOS was detected in all samples from the five locations and had the highest concentrations of the substances detected. Some results were above the risk-based screening level of 5.21 ng/g (based on HQ=0.1). EPA risk assessor reviewed and determined that exceedance of the screening level indicates only that further risk assessment is appropriate, but not that risks are acceptable or unacceptable. Further risk assessment was performed and involved calculation of the HQs for individual PFAS and the Hazard Index (HI), which is the sum of the individual HQs. EPA's risk limit is an HQ of 1 and a HI of 1. The sum of the HQs of multiple PFAS (the HI) was less than 1, and risk assessor tentatively concluded that the risk of recreational fish consumption in Berrys Brook is lower than EPA's risk limit of HI =1. EPA is conducting a data validation review for this fish tissue data and report. A statement of these results was developed and distributed to Jim Murphy's Coakley contact group (you may have seen the NHPR piece.)

3. On August 14, CLG submitted results of sampling of stormwater collected from the landfill cap retention pond discharge and subsurface collection system. CES, consultant for CLG, concluded that the data was showing that materials used to construct the cap may be contributing PFAS to stormwater runoff, which discharges to Berrys Brook. EPA prepared and issued a response on August 17, asking for additional sampling and investigation of cap construction to be performed. CLG submitted a draft work plan on September 10, and EPA conditionally approved the work plan on September 26. Investigation activities will include further sampling of stormwater and subsurface collection system discharges and the assessment of cap and retention pond construction and materials.

4. EPA and NHDES reviewed and approved proposed fracture zones for packer sampling from 3 new bedrock boreholes. Packer sampling for PFAS, 1,4 dioxane and VOCs has begun and will be completed in the next couple of weeks, with analytical results to follow (based on laboratory reporting). The CLG is also pursuing access to 7 historic boreholes for surveying and sampling, some of which are located to the east and south of the landfill.

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Hull.Richard@epa.gov <mailto:Hull.Richard@epa.gov>

(617) 918-1882

From: Hull, Richard

Sent: Monday, September 24, 2018 11:53 AM

To: Cianciarulo, Robert <Cianciarulo.Bob@epa.gov <mailto:Cianciarulo.Bob@epa.gov> >;

Taylor, Melissa <Taylor.Melissag@epa.gov <mailto:Taylor.Melissag@epa.gov> >; Olson,

Bryan <Olson.Bryan@epa.gov <mailto:Olson.Bryan@epa.gov> >

Subject: Coakley Update - 9/24/18

Hi Bryan. Bi-weekly update for Coakley including results in from sampling of the 20 additional residential wells that were identified in response to the citizens petition.

Updated September 24, 2018

1. The NHDES MtBE bureau completed sampling of additional residential wells in Greenland, North Hampton and Rye. Samples were submitted to, and analyzed by OEME and results have been provided to the residents. Of the 20 original requests, 12 wells were sampled (3 previously sampled by NHDES, 2 residents moved, 1 sampled on their own, 2 did not respond to schedule sampling). Summary of results:

- * 6 of 12 were ND for PFAS
- * PFOA detected in 6 wells
- * PFOS, PFBS and PFHxS also detected
- * No results either individually or collectively were above 70 ppt
- * One PFBS result at 14 ppt; otherwise all results below 6 ppt

2. The results of fish tissue sampling and analysis were reported to EPA on

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September 4. Fish were collected from five different locations in Berrys Brook ranging from about 1 mile to about 5 miles from the landfill. Of the six PFAS analyzed, PFOA, PFOS and PFNA were detected. PFOS was detected in all samples from the five locations and had the highest concentrations of the substances detected. Some results were above the risk-based screening level of 5.21 ng/g (based on HQ=0.1). EPA risk assessor reviewed and determined that exceedance of the screening level indicates only that further risk assessment is appropriate, but not that risks are acceptable or unacceptable. Further risk assessment was performed and involved calculation of the HQs for individual PFAS and the Hazard Index (HI), which is the sum of the individual HQs. EPA's risk limit is an HQ of 1 and a HI of 1. The sum of the HQs of multiple PFAS (the HI) was less than 1, and risk assessor tentatively concluded that the risk of recreational fish consumption in Berrys Brook is lower than EPA's risk limit of HI =1. EPA is conducting a data validation review for this fish tissue data and report. The risk assessor's interpretation explained here has not been provided to the public or the press. OSRR is coordinating with Jim and Kelsey to provide this information to the public and the media.

3. On August 14, CLG submitted results of sampling of stormwater collected from the landfill cap retention pond discharge and subsurface collection system. CES, consultant for CLG, concluded that the data was showing that materials used to construct the cap may be contributing PFAS to stormwater runoff, which discharges to Berrys Brook. EPA prepared and issued a response on August 17, asking for additional sampling and investigation of cap construction to be performed. CLG submitted a draft work plan on September 10. EPA and NHDES are currently reviewing and developing a conditional approval for the work plan.

4. EPA and NHDES reviewed and approved proposed fracture zones for packer sampling from 3 new bedrock boreholes. Packer sampling for PFAS, 1,4 dioxane and VOCs will begin on September 25.

5. EPA is working with USGS and NHDES to develop a scope of work for a site-specific model for groundwater flow in bedrock.

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From: Hull, Richard
Sent: Thursday, September 06, 2018 4:47 PM
To: Cianciarulo, Robert <Cianciarulo.Bob@epa.gov <mailto:Cianciarulo.Bob@epa.gov> >; Taylor, Melissa <Taylor.Melissag@epa.gov <mailto:Taylor.Melissag@epa.gov> >; Olson, Bryan <Olson.Bryan@epa.gov <mailto:Olson.Bryan@epa.gov> >
Subject: RE: Coakley Update - 8/8/18

Hi Bryan. Bi-weekly update for Coakley, most notably the fish tissue info. I would stress that OEME is conducting a data verification review for the fish tissue data report and that we have not provided the risk interpretation included below to the public or press.

Updated September 6, 2018

1. The NHDES MtBE bureau completed sampling of additional residential wells in Greenland, North Hampton and Rye. Samples were submitted to, and analyzed by OEME and results from some of the initial wells sampled have been provided. PFAS were not detected in four of the first ten wells sampled. PFOA was detected in six wells, PFOS in one well, PFHxS in one well and PFBS in one well. All results were well below the HA of 70 ppt, and except for the PFBS result of 14 ppt, below 6 ppt.
2. The results of fish tissue sampling and analysis were reported to EPA on September 4. Fish were collected from five different locations in Berrys Brook ranging from about 1 mile to about 5 miles from the landfill. Of the six PFAS analyzed, PFOA, PFOS and PFNA were detected. PFOS was detected in all samples from the five locations and had the highest concentrations of the substances detected. Some results were above the risk-based screening level of 5.21 ng/g (based on HQ=0.1). EPA risk assessor reviewed and determined that exceedance of the screening level indicates only that further risk assessment is appropriate, but not that risks are acceptable or unacceptable. Further risk assessment was performed and involved calculation of the HQs for individual PFAS and the Hazard Index (HI), which is the sum of the individual HQs. EPA's risk limit is an HQ of 1 and a HI of 1. The sum of the HQs of multiple PFAS (the HI) was less than 1, and risk assessor tentatively concluded that the risk of recreational fish consumption in Berrys Brook is lower than EPA's risk limit of HI =1. EPA is conducting a data validation review for this fish tissue data and report. The risk assessor's interpretation explained here has not been provided to the public or the press. OSRR is coordinating with Jim and Kelsey to provide this information to the public and the media.
3. On August 14, CLG submitted results of sampling of stormwater collected from the landfill cap retention pond discharge and subsurface collection system. CES,

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consultant for CLG, concluded that the data was showing that materials used to construct the cap may be contributing PFAS to stormwater runoff, which discharges to Berrys Brook. EPA prepared and issued a response on August 17, asking for additional sampling and investigation of cap construction to be performed. EPA asked for a workplan to be submitted in 15 days.

4. EPA attended the legislative commission meeting on September 5 and presented some update information to the commission. Tara Somers of ATSDR also discussed the role of ATSDR and the development of its MLR for PFAS.

5. EPA is working with USGS and NHDES to develop a scope of work for a site-specific model for groundwater flow in bedrock.

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(617) 918-1882

From: Hull, Richard

Sent: Thursday, August 23, 2018 4:53 PM

To: Cianciarulo, Robert <Cianciarulo.Bob@epa.gov <mailto:Cianciarulo.Bob@epa.gov> >; Taylor, Melissa <Taylor.Melissag@epa.gov <mailto:Taylor.Melissag@epa.gov> >; Olson, Bryan <Olson.Bryan@epa.gov <mailto:Olson.Bryan@epa.gov> >

Subject: RE: Coakley Update - 8/8/18

Hi Bryan. Sorry I'm just getting to this now, but here is an update on the Coakely issues we provided on August 8.

Updated August 23, 2018

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1. The NHDES MtBE bureau began sampling of additional residential wells in Greenland, North Hampton and Rye this week.
2. EPA and NHDES met with Kim McNamara on August 23, along with a consultant for the City of Portsmouth to discuss technical issues related to actions the CLG or City (b) (5) [REDACTED] Kim will present to Bob Sullivan for the CLG to consider.
3. Fish tissue samples are being processed and results are expected in a few weeks.
4. On August 14, CLG submitted results of sampling of stormwater collected from the landfill cap retention pond discharge and subsurface collection system. CES, consultant for CLG, concluded that the data was showing that materials used to construct the cap may be contributing PFAS to stormwater runoff, which discharges to Berrys Brook. EPA prepared and issued a response on August 17, asking for additional sampling and investigation of cap construction to be performed. EPA asked for a workplan to be submitted in 15 days.

Sorry again for this being late. Let me know if you have any questions, although I am off tomorrow but back on Monday.

Skip

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From: Hull, Richard

Coakley Emails.txt

Sent: Wednesday, August 08, 2018 1:19 PM

To: Cianciarulo, Robert <Cianciarulo.Bob@epa.gov <mailto:Cianciarulo.Bob@epa.gov> >; Taylor, Melissa <Taylor.Melissag@epa.gov <mailto:Taylor.Melissag@epa.gov> >; Olson, Bryan <Olson.Bryan@epa.gov <mailto:Olson.Bryan@epa.gov> >
Subject: RE: Coakley Update - 8/8/18

I just heard from the PRP's consultant that the results from the analysis of fish tissue samples will be provided by the end of August.

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Hull.Richard@epa.gov <mailto:Hull.Richard@epa.gov>

(617) 918-1882

From: Cianciarulo, Robert

Sent: Wednesday, August 08, 2018 12:39 PM

To: Hull, Richard <Hull.Richard@epa.gov <mailto:Hull.Richard@epa.gov> >; Taylor, Melissa <Taylor.Melissag@epa.gov <mailto:Taylor.Melissag@epa.gov> >; Olson, Bryan <Olson.Bryan@epa.gov <mailto:Olson.Bryan@epa.gov> >
Subject: RE: Coakley Update - 8/8/18

Bryan - see below. If Skip gets any more on the fish in time for your meeting this afternoon, he can update it, otherwise we'll do it in a subsequent update.

Our proposal is to have Skip do an update like this for you every two weeks so you

have it for Alex and your HQ check-ins.

From: Hull, Richard

Sent: Wednesday, August 08, 2018 12:34 PM

To: Taylor, Melissa <Taylor.Melissag@epa.gov <mailto:Taylor.Melissag@epa.gov> >;

Cianciarulo, Robert <Cianciarulo.Bob@epa.gov <mailto:Cianciarulo.Bob@epa.gov> >

Subject: Coakley Update - 8/8/18

Here's the revised update. I ran in to Bryan and he was looking for this for a meeting with Alex this afternoon. I tried to get more details on fish sample analysis and results, but haven't heard back from PRPs who are checking with lab.

Updated August 8, 2018

An June 4, 2018, the Regional Administrator met with Jillian Lane of Greenland Safe Water Action, and other members of the community who live near the Coakley Landfill.

At that meeting, Jillian presented the RA with a petition signed by 135 concerned citizens that requested action be taken to address issues related to PFAS contamination at the Coakley Landfill and the local community. On July 3, 2018, the RA responded to that petition with action items addressing the issues outlined in the petition. Below is an update of the actions being taken to address those, and other issues:

1. Issue: The petition outlined concerns related to residential wells that are impacted by PFAS contamination and asked for access to a safe water supply and expanded residential well sampling.

Status: To date, all residential wells sampled remain below the HA of 70 ppt for PFOA and PFOS. On August 6, EPA mailed letters to 20 residents in Greenland, North Hampton and Rye offering sampling of tap water and analysis for PFAS. These residents had previously requested sampling, including a number that requested sampling during the June 4 community meeting with Alex Dunn. Beginning a few days

Coakley Emails.txt

after the mailing, the NHDES MtBE bureau will begin contacting the residents to schedule sampling. Samples will be shipped to OEME for analysis of PFAS.

2. Issue: EPA committed to working with the USGS to better define the local hydrogeology and flow patterns to better characterize the potential for the flow of PFAS contamination to local residents.

Status: OSRTI has provided funding to the region for this task and OSRR has initiated an Interagency Agreement with USGS to develop a model to evaluate site-specific hydrogeologic flow conditions at and around Coakley Landfill. USGS submitted a draft work plan and budget estimate, and OSRR has provided comments. Depending on the USGS internal review process, the IA will be finalized and work will begin by the start of FY19.

3. Issue: The petition asked that EPA compel the CLG to install effective remediation to address PFAS contamination.

Status: EPA and NHDES met with the City of Portsmouth's health officer, Kim McNamara, to discuss voluntary measures that the City and/or CLG can undertake to alleviate the impacts to residents near Coakley Landfill. Kim had reached out to both EPA and NHDES looking for suggestions. Suggested measures include providing point-of-use water supply filtration systems, extending a municipal water supply line, expand residential well sampling, and maintenance and treatment of impacted surface water. Kim will convene a meeting in mid-August to discuss these issues in more detail.

4. Other Issues: Bedrock investigation continues with installation of three deep-bedrock wells and the completion of geophysical surveying the week of July 30. Geophysics data will be used to identify water-bearing fractures for sampling beginning in August. Existing bedrock wells have been inventoried and geophysics and sampling will also be performed on those wells determined to be viable.

5. Other Issues: Fish samples have been collected from Berrys Brook and have been processed and analyzed. EPA is awaiting analytical results which will be submitted following the laboratory data validation and review process.

Coakley Emails.txt

6. Other Issues: CLG is developing a work plan for assessing impacts of the discharge of runoff from the surface of the landfill cap to surface water receptors to identify potential PFAS contributions that may exist beyond landfill leachate. This work plan will be submitted Sept.-Oct.

Richard W. Hull, Project Manager

USEPA New England, Region 1

5 Post Office Square, Suite 100

OSRR07-1

Boston, MA 02109-3912

Hull.Richard@epa.gov <mailto:Hull.Richard@epa.gov>

(617) 918-1882

From: Olson, Bryan
Sent: Wednesday, July 17, 2019 8:06 AM
To: R1FOIAOffice; Dumville, Kelsey
Cc: Lao, Judy; Knapp, Michael
Subject: RE: FOIA Request Re: Coakley Landfill SF Site - 007300, due 8/12/19 - Step 2

Will I also need to fill out the form for emails? If so, I might need some help.
Bryan

From: R1FOIAOffice
Sent: Wednesday, July 17, 2019 7:15 AM
To: Olson, Bryan <Olson.Bryan@epa.gov>; Dumville, Kelsey <Dumville.Kelsey@epa.gov>
Cc: Lao, Judy <Lao.Judy@epa.gov>; Knapp, Michael <Knapp.Michael@epa.gov>
Subject: FOIA Request Re: Coakley Landfill SF Site - 007300, due 8/12/19 - Step 2
Importance: High

Coakley Emails.txt

Judy Lao: FOIA Coordinator, Superfund (SEMD) & Land (LCRD)

lao.judy@epa.gov <mailto:lao.judy@epa.gov> , ext. 8-1454

Priscilla Flores: FOIA Coordinator, Air (ARD) & Water (WD)

flores.priscilla@epa.gov <mailto:flores.priscilla@epa.gov> , ext. 8-1520

Cris Schena: FOIA Officer & Coordinator for ORA, ORC, MSD & LSASD

schena.cristeen@epa.gov <mailto:schena.cristeen@epa.gov> , ext. 8-1102

Mark Smart: FOIA Paralegal & Coordinator for Enforcement (ECAD) & ORC

smart.mark@epa.gov <mailto:smart.mark@epa.gov> , ext. 8-1094

Mike Knapp: Information Law Attorney, knapp.michael@epa.gov
<mailto:knapp.michael@epa.gov> , ext. 8-1053

From: Olson, Bryan
Sent: Monday, July 08, 2019 4:15 PM
To: Dumville, Kelsey
Subject: RE: Coakley fact sheet_.docx

Thank you!

From: Dumville, Kelsey
Sent: Monday, July 08, 2019 3:51 PM
To: Szaro, Deb <Szaro.Deb@epa.gov>; Olson, Bryan <Olson.Bryan@epa.gov>
Subject: Coakley fact sheet_.docx

Hi Deb,

Here is the most recent one the team put together, updated June 26. Let me know if you need anything else.

Thanks

Kelsey

Coakley Emails.txt

From: Olson, Bryan
Sent: Monday, July 08, 2019 3:36 PM
To: Dumville, Kelsey
Subject: FW: can you send me a fact sheet on Coakley

Do you have this? Bryan

From: Szaro, Deb
Sent: Monday, July 08, 2019 3:29 PM
To: Dumville, Kelsey <Dumville.Kelsey@epa.gov>; Olson, Bryan <Olson.Bryan@epa.gov>
Subject: can you send me a fact sheet on Coakley

From: Olson, Bryan
Sent: Tuesday, June 25, 2019 12:29 PM
To: Dumville, Kelsey
Subject: Re: OIG observation of Coakley Landfill meeting tomorrow

Thank you! Will be back in tomorrow.

Sent from my iPhone

> On Jun 25, 2019, at 8:10 AM, Dumville, Kelsey <Dumville.Kelsey@epa.gov> wrote:
>
> Way better than anything happening on this email. I hope you are out on the desk
enjoying the great weather! Check out the Bike Stop café sometime, cool spot.
>
> Kelsey Dumville
> Public Affairs Office
> Senior Community Involvement Coordinator
> Office: 617-918-1003
> Cell: 857-998-0226
>
> -----Original Message-----
> From: Olson, Bryan
> Sent: Monday, June 24, 2019 6:02 PM
> To: Dumville, Kelsey <Dumville.Kelsey@epa.gov>
> Subject: Re: OIG observation of Coakley Landfill meeting tomorrow
>
> At Trio in Narragansett.
>
> Sent from my iPhone
>

Coakley Emails.txt

>> On Jun 24, 2019, at 4:21 PM, Dumville, Kelsey <Dumville.Kelsey@epa.gov> wrote:
>>

>> FYI

>>

>> Kelsey Dumville

>> Public Affairs Office

>> Senior Community Involvement Coordinator

>> Office: 617-918-1003

>> Cell: 857-998-0226

>>

>> -----Original Message-----

>> From: Trynosky, Jill

>> Sent: Monday, June 24, 2019 3:54 PM

>> To: Dumville, Kelsey <Dumville.Kelsey@epa.gov>

>> Cc: Taylor, Melissa <Taylor.Melissag@epa.gov>; Hull, Richard
<Hull.Richard@epa.gov>; Lovingood, Christina <Lovingood.Tina@epa.gov>; Henry,
Natasha <Henry.Natasha@epa.gov>; Collier, Morgan <collier.morgan@epa.gov>

>> Subject: OIG observation of Coakley Landfill meeting tomorrow

>>

>> Kelsey,

>>

>> Good Afternoon. The OIG will be sending someone to observe the EPA's public
meeting on the Coakley Landfill tomorrow evening. It will not be anyone from the
audit team. This is consistent with the OIG's observation of the EPA's public
meeting in Franklin, Indiana for the Amphenol RCRA site.

>>

>> If you have any questions, please let me know.

>>

>> Thank you,

>> Jill Trynosky

>> OIG Project Manager

>> 202-566-2718

>>

>>

From: Olson, Bryan

Sent: Monday, June 24, 2019 6:02 PM

To: Dumville, Kelsey

Subject: Re: OIG observation of Coakley Landfill meeting tomorrow

At Trio in Narragansett.

Sent from my iPhone

> On Jun 24, 2019, at 4:21 PM, Dumville, Kelsey <Dumville.Kelsey@epa.gov> wrote:

>

> FYI

>

> Kelsey Dumville

Coakley Emails.txt

> Public Affairs Office
> Senior Community Involvement Coordinator
> Office: 617-918-1003
> Cell: 857-998-0226
>
> -----Original Message-----
> From: Trynosky, Jill
> Sent: Monday, June 24, 2019 3:54 PM
> To: Dumville, Kelsey <Dumville.Kelsey@epa.gov>
> Cc: Taylor, Melissa <Taylor.Melissag@epa.gov>; Hull, Richard
<Hull.Richard@epa.gov>; Lovingood, Christina <Lovingood.Tina@epa.gov>; Henry,
Natasha <Henry.Natasha@epa.gov>; Collier, Morgan <collier.morgan@epa.gov>
> Subject: OIG observation of Coakley Landfill meeting tomorrow
>
> Kelsey,
>
> Good Afternoon. The OIG will be sending someone to observe the EPA's public
meeting on the Coakley Landfill tomorrow evening. It will not be anyone from the
audit team. This is consistent with the OIG's observation of the EPA's public
meeting in Franklin, Indiana for the Amphenol RCRA site.
>
> If you have any questions, please let me know.
>
> Thank you,
> Jill Trynosky
> OIG Project Manager
> 202-566-2718
>
>

From: Olson, Bryan
Sent: Wednesday, June 12, 2019 2:08 PM
To: Dumville, Kelsey; Gutro, Doug; Norcross, Jeffrey; Cassidy, Meghan
Cc: Taylor, Melissa; Hull, Richard
Subject: RE: Briefing on the OIG's Listening Session for the Coakley Landfill
Superfund Site

I will likely be able to do it but will have to take the call from outside of the
office. Bryan

From: Dumville, Kelsey
Sent: Wednesday, June 12, 2019 1:53 PM
To: Gutro, Doug <Gutro.Doug@epa.gov>; Norcross, Jeffrey <Norcross.Jeffrey@epa.gov>;
Cassidy, Meghan <Cassidy.Meghan@epa.gov>; Olson, Bryan <Olson.Bryan@epa.gov>
Cc: Taylor, Melissa <Taylor.Melissag@epa.gov>
Subject: Fwd: Briefing on the OIG's Listening Session for the Coakley Landfill
Superfund Site

Coakley Emails.txt

Hi Everyone,

The IG is scheduling a call with us to debrief on the Coakley listening session and site tour. Right now they are proposing Tuesday the 18th at 3pm. Please let me know if you would like to join the call and if that time works for you.

Thanks,

Kelsey

Kelsey Dumville
Public Affairs Office
Senior Community Involvement Coordinator
Office: 617-918-1003 <tel:617-918-1003>
Cell: 857-998-0226 <tel:857-998-0226>

Begin forwarded message:

From: "Trynosky, Jill" <Trynosky.Jill@epa.gov <mailto:Trynosky.Jill@epa.gov>
>
Date: June 12, 2019 at 12:09:04 PM EDT
To: "Dumville, Kelsey" <Dumville.Kelsey@epa.gov
<mailto:Dumville.Kelsey@epa.gov> >
Cc: "Hull, Richard" <Hull.Richard@epa.gov <mailto:Hull.Richard@epa.gov> >, "Taylor, Melissa" <Taylor.Melissag@epa.gov <mailto:Taylor.Melissag@epa.gov> >
Subject: RE: Briefing on the OIG's Listening Session for the Coakley Landfill Superfund Site

Kelsey,

Hi. 3-4 pm on Tuesday, June 18th would be another option.

Before I send out a third reschedule, does that time work for Skip and Melissa?

Coakley Emails.txt

Thanks,

Jill Trynosky

From: Dumville, Kelsey

Sent: Wednesday, June 12, 2019 11:20 AM

To: Trynosky, Jill <Trynosky.Jill@epa.gov <mailto:Trynosky.Jill@epa.gov> >

Cc: Taylor, Melissa <Taylor.Melissag@epa.gov

<mailto:Taylor.Melissag@epa.gov> >; Collier, Morgan <collier.morgan@epa.gov
<mailto:collier.morgan@epa.gov> >; Chugh, Alisha <Chugh.Alisha@epa.gov
<mailto:Chugh.Alisha@epa.gov> >; Henry, Natasha <Henry.Natasha@epa.gov
<mailto:Henry.Natasha@epa.gov> >; Krenzien, Allison <krenzien.allison@epa.gov
<mailto:krenzien.allison@epa.gov> >; Lovingood, Christina <Lovingood.Tina@epa.gov
<mailto:Lovingood.Tina@epa.gov> >; Hull, Richard <Hull.Richard@epa.gov
<mailto:Hull.Richard@epa.gov> >; Bataille, Valerie <Bataille.Valerie@epa.gov
<mailto:Bataille.Valerie@epa.gov> >

Subject: Re: Briefing on the OIG's Listening Session for the Coakley
Landfill Superfund Site

Hi Jill,

I have a standing meeting in my calendar for Tuesday at 1. I can't miss it
as I am running the meeting. If possible, I would like to join the meeting.

Thanks,

Kelsey

Kelsey Dumville

Public Affairs Office

Senior Community Involvement Coordinator

Office: 617-918-1003 <tel:617-918-1003>

Cell: 857-998-0226 <tel:857-998-0226>

On Jun 12, 2019, at 11:10 AM, Trynosky, Jill <Trynosky.Jill@epa.gov
<mailto:Trynosky.Jill@epa.gov> > wrote:

Thanks, Melissa. I just switched the meeting to the 18th from 1-2

Coakley Emails.txt

pm. It showed up as open for everyone. I will move forward with preparing for the
OIG's briefing at that time - Tuesday, June 18 from 1-2 pm EST.

Thanks for getting back to me so quickly.

Jill Trynosky
OIG Project Manager
202-566-2718

-----Original Message-----

From: Taylor, Melissa

Sent: Wednesday, June 12, 2019 10:26 AM

To: Trynosky, Jill <Trynosky.Jill@epa.gov

<mailto:Trynosky.Jill@epa.gov> >

Cc: Collier, Morgan <collier.morgan@epa.gov

<mailto:collier.morgan@epa.gov> >; Chugh, Alisha <Chugh.Alisha@epa.gov

<mailto:Chugh.Alisha@epa.gov> >; Henry, Natasha <Henry.Natasha@epa.gov

<mailto:Henry.Natasha@epa.gov> >; Krenzien, Allison <krenzien.allison@epa.gov

<mailto:krenzien.allison@epa.gov> >; Lovingood, Christina <Lovingood.Tina@epa.gov

<mailto:Lovingood.Tina@epa.gov> >; Hull, Richard <Hull.Richard@epa.gov

<mailto:Hull.Richard@epa.gov> >; Dumville, Kelsey <Dumville.Kelsey@epa.gov

<mailto:Dumville.Kelsey@epa.gov> >; Bataille, Valerie <Bataille.Valerie@epa.gov

<mailto:Bataille.Valerie@epa.gov> >

Subject: Re: Briefing on the OIG's Listening Session for the Coakley
Landfill Superfund Site

I cannot make the 19th at all and there are congressional briefings
on the 20th. I may have time around 11 on the 20th but that's it. I also have 1-2
pm, 3-4 pm or 8-9 am available on the 18th.

Sent from my iPhone

On Jun 12, 2019, at 10:07 AM, Trynosky, Jill
<Trynosky.Jill@epa.gov <mailto:Trynosky.Jill@epa.gov> > wrote:

The OIG will brief Region 1 staff and managers on the
Coakley Landfill Listening Session and visit to New Hampshire. We will discuss areas
of concern and questions resulting from our visit.

Conference phone number:

+1 (202)

991-0477

Conference ID:

6481274

*Melissa, Skip and Kelsey - if there is a conflict at this time, please let me know what other time you would be available for this briefing on either the 19th or 20th.

<meeting.ics>

From: Olson, Bryan
Sent: Tuesday, May 28, 2019 9:57 AM
To: Dumville, Kelsey; Cianciarulo, Robert; Hull, Richard; Taylor, Melissa
Cc: Gutro, Doug
Subject: RE: OIG call follow up

Just to clarify, this will be a regular update meeting with an agenda items being the IG visit. Bryan

From: Dumville, Kelsey
Sent: Tuesday, May 28, 2019 9:55 AM
To: Olson, Bryan <Olson.Bryan@epa.gov>; Cianciarulo, Robert <Cianciarulo.Bob@epa.gov>; Hull, Richard <Hull.Richard@epa.gov>; Taylor, Melissa <Taylor.Melissag@epa.gov>
Cc: Gutro, Doug <Gutro.Doug@epa.gov>
Subject: OIG call follow up

Hi all -

Skip and I just talked, I can take the lead on scheduling a community meeting to follow the IG visit. It would be good to get that on the calendar so we can reference it next week. June 25th or 27th are optional dates for us, I will check in with Bethany Church and see what they have available. Please let me know if those dates work for you, Skip will check with NHDES.

Thanks,

Coakley Emails.txt

Kelsey

Kelsey Dumville

Public Affairs Office

Senior Community Involvement Coordinator

Office: 617-918-1003

Cell: 857-998-0226

From: Olson, Bryan
Sent: Thursday, May 02, 2019 2:14 PM
To: Hull, Richard
Cc: Dumville, Kelsey; Cianciarulo, Robert; Taylor, Melissa
Subject: RE: Coakley Update - 3/21/19

From: Olson, Bryan
Sent: Thursday, May 02, 2019 12:25 PM
To: Hull, Richard
Cc: Dumville, Kelsey; Cianciarulo, Robert; Taylor, Melissa
Subject: RE: Coakley Update - 3/21/19

From: Olson, Bryan
Sent: Wednesday, April 24, 2019 2:27 PM
To: Conway, Timothy; Dumville, Kelsey
Subject: RE: Housatonic River Mediation Update – Confidential Mediation Communication

From: Olson, Bryan
Sent: Monday, April 08, 2019 3:49 PM
To: Dumville, Kelsey; Taylor, Melissa; Hull, Richard; Senn, John
Cc: Cianciarulo, Robert
Subject: RE: Coakley Landfill Site Update

From: Olson, Bryan
Sent: Monday, April 08, 2019 3:02 PM
To: Senn, John; Taylor, Melissa; Dumville, Kelsey; Hull, Richard
Subject: RE: Coakley Landfill Site Update

From: Olson, Bryan
Sent: Thursday, April 04, 2019 1:16 PM
To: Hull, Richard

Coakley Emails.txt

Cc: Murphy, Jim; Dumville, Kelsey; Cianciarulo, Robert; Taylor, Melissa
Subject: RE: Coakley Update - 3/21/19

From: Olson, Bryan
Sent: Thursday, April 04, 2019 12:29 PM
To: Hull, Richard
Cc: Murphy, Jim; Dumville, Kelsey; Cianciarulo, Robert; Taylor, Melissa
Subject: RE: Coakley Update - 3/21/19

From: Olson, Bryan
Sent: Wednesday, February 27, 2019 8:27 AM
To: Cianciarulo, Robert; Taylor, Melissa; Hull, Richard; Sherman, RuthAnn; Barmakian, Nancy; Dumville, Kelsey
Subject: RE: here we go again?

From: Olson, Bryan
Sent: Monday, February 04, 2019 3:53 PM
To: Dumville, Kelsey
Subject: FW: Seacoast Cancer Commission appointment
Attachments: seacoast cancer cluster appt Kelsey.docx

From: Olson, Bryan
Sent: Tuesday, January 29, 2019 11:26 AM
To: Dumville, Kelsey; Gutro, Doug; Szaro, Deb
Subject: RE: Seacoast Online Article

From: Olson, Bryan
Sent: Thursday, November 15, 2018 12:51 PM
To: Hull, Richard
Cc: Murphy, Jim; Dumville, Kelsey; Cianciarulo, Robert; Taylor, Melissa
Subject: RE: Coakley Update -10/4/18

From: Olson, Bryan
Sent: Monday, October 22, 2018 12:58 PM
To: Hull, Richard
Cc: Cianciarulo, Robert; Taylor, Melissa; Murphy, Jim; Dumville, Kelsey
Subject: Re: Coakley Update -10/4/18

From: Olson, Bryan
Sent: Tuesday, August 14, 2018 3:20 PM
To: Taylor, Melissa; Murphy, Jim; Hull, Richard; Cianciarulo, Robert
Cc: Dumville, Kelsey
Subject: RE: NHPR story on Coakley

From: Olson, Bryan
Sent: Tuesday, August 14, 2018 2:04 PM
To: Hull, Richard; Taylor, Melissa; Cianciarulo, Robert
Cc: Murphy, Jim; Dumville, Kelsey

Coakley Emails.txt

Subject: RE: NHPR story on Coakley

From: Olson, Bryan
Sent: Thursday, July 05, 2018 12:00 PM
To: Dunn, Alexandra; Gutro, Doug; Hull, Richard; Dumville, Kelsey; Senn, John
Subject: One more
Attachments: IMG_0170.JPG; ATT00001.txt

From: Olson, Bryan
Sent: Thursday, July 05, 2018 11:59 AM
To: Dunn, Alexandra; Dumville, Kelsey; Senn, John; Gutro, Doug; Hull, Richard

From: Olson, Bryan
Sent: Thursday, July 05, 2018 11:57 AM
To: Dunn, Alexandra; Dumville, Kelsey; Senn, John; Gutro, Doug; Hull, Richard
Subject: Today's Visit

From: Olson, Bryan
Sent: Monday, July 02, 2018 1:34 PM
To: Dumville, Kelsey
Subject: You can work with Skip on the call this afternoon and please let me know how it goes

From: Olson, Bryan
Sent: Monday, July 02, 2018 1:33 PM
To: Dumville, Kelsey; Dunn, Alexandra; Taylor, Melissa; Hull, Richard; Murphy, Jim; Cianciarulo, Robert
Cc: Gutro, Doug; Lindsay, Jane
Subject: RE: Senator Hassan Coakley visit request

From: Olson, Bryan
Sent: Monday, July 02, 2018 12:02 PM
To: Dumville, Kelsey
Subject: RE: Senator Hassan Coakley visit request

From: Olson, Bryan
Sent: Monday, May 21, 2018 3:37 PM
To: Murphy, Jim; Hull, Richard
Cc: Dumville, Kelsey
Subject: RE: EPA visit

From: Olson, Bryan
Sent: Thursday, May 03, 2018 9:45 AM
To: Gutro, Doug; Dunn, Alexandra
Cc: Murphy, Jim; Dumville, Kelsey
Subject: RE: Visit to NH's Coakley Superfund Site

Coakley Emails.txt

From: Olson, Bryan
Sent: Friday, April 06, 2018 11:35 AM
To: Dumville, Kelsey
Subject: RE: Coakley Clips

From: Olson, Bryan
Sent: Friday, April 06, 2018 11:23 AM
To: Dumville, Kelsey
Subject: RE: Coakley Clips

From: Olson, Bryan
Sent: Tuesday, April 03, 2018 8:19 PM
To: Hull, Richard
Cc: Taylor, Melissa; Murphy, Jim; Dumville, Kelsey
Subject: Re: slides for April 5 Coakley public meeting

From: Olson, Bryan
Sent: Monday, March 19, 2018 4:10 PM
To: Dumville, Kelsey; Hull, Richard; Murphy, Jim
Cc: Taylor, Melissa; Cianciarulo, Robert
Subject: RE: Coakley briefing call with NH Delegation staff

From: Olson, Bryan
Sent: Tuesday, February 27, 2018 11:04 AM
To: Dumville, Kelsey
Cc: St. Fleur, Marilyn; Barmakian, Nancy
Subject: Coakley Weekly Note

Kelsey,
Deb and Alex asked us to put together a note for the Thursday weekly notes on our meeting with the congressionals. Would you mind taking the lead on that since it will need to get done shortly after the meeting tomorrow?
Thank you, Bryan

Sent from my iPhoneFrom: Olson, Bryan
Sent: Tuesday, February 27, 2018 10:59 AM
To: Hull, Richard
Cc: Dumville, Kelsey; Murphy, Jim; Cianciarulo, Robert; Taylor, Melissa
Subject: Re: Coakley meeting details

Pushed send too soon. They live near the highway (b) (6) if we want to leave cars there.

Sent from my iPhone

> On Feb 27, 2018, at 10:46 AM, Olson, Bryan <Olson.Bryan@epa.gov> wrote:
>

Coakley Emails.txt

> I might meet you in Woburn, especially if Melissa is doing the same. My parents live
>
> Sent from my iPhone
>
>> On Feb 27, 2018, at 10:09 AM, Hull, Richard <Hull.Richard@epa.gov> wrote:
>>
>> I'll be leaving from the office via GOV if anybody wants a ride. I can also leave early enough to pick anybody up along the way. It looks like about 1 hr 20 mins with traffic, so probably leave the office by 8:15 unless we are stopping to pick somebody up, then a bit earlier.
>>
>> Here are the figures I plan to have on hand for discussion. The last conceptual figure is for the purpose of explaining the circuitous flow through bedrock.
>>
>>
>> Richard W. Hull, Project Manager
>> USEPA New England, Region 1
>> 5 Post Office Square, Suite 100
>> OSRR07-1
>> Boston, MA 02109-3912
>> Hull.Richard@epa.gov
>> (617) 918-1882
>>
>> From: Dumville, Kelsey
>> Sent: Tuesday, February 27, 2018 10:00 AM
>> To: Murphy, Jim <Murphy.Jim@epa.gov>; Cianciarulo, Robert <Cianciarulo.Bob@epa.gov>; Olson, Bryan <Olson.Bryan@epa.gov>; Taylor, Melissa <Taylor.Melissag@epa.gov>; Hull, Richard <Hull.Richard@epa.gov>
>> Subject: Coakley meeting details
>>
>> Good morning,
>>
>> Here is the location of tomorrow's meeting with the NH delegation staff. The meeting is at 10am, I believe there is plenty of street parking. If you have any questions, please let me know.
>>
>> Thanks,
>> Kelsey
>>
>>
>> Governor Hassan's Manchester office
>> 1589 Elm Street
>> Third Floor
>> Manchester, NH 03101
>> (603) 622-2204
>>
>>

Coakley Emails.txt

>>

>> Kelsey (O'Neil) Dumville

>> Public Affairs Office

>> Community Involvement Coordinator, Congressional Liaison

>> Office: 617-918-1003

>> Cell: 857-998-0226

>>

>> <Hassan briefing Feb 28 2018.pdf>

From: Olson, Bryan

Sent: Tuesday, February 27, 2018 10:46 AM

To: Hull, Richard

Cc: Dumville, Kelsey; Murphy, Jim; Cianciarulo, Robert; Taylor, Melissa

Subject: Re: Coakley meeting details

I might meet you in Woburn, especially if Melissa is doing the same. My parents live

Sent from my iPhone

> On Feb 27, 2018, at 10:09 AM, Hull, Richard <Hull.Richard@epa.gov> wrote:

>

> I'll be leaving from the office via GOV if anybody wants a ride. I can also leave early enough to pick anybody up along the way. It looks like about 1 hr 20 mins with traffic, so probably leave the office by 8:15 unless we are stopping to pick somebody up, then a bit earlier.

>

> Here are the figures I plan to have on hand for discussion. The last conceptual figure is for the purpose of explaining the circuitous flow through bedrock.

>

>

> Richard W. Hull, Project Manager

> USEPA New England, Region 1

> 5 Post Office Square, Suite 100

> OSRR07-1

> Boston, MA 02109-3912

> Hull.Richard@epa.gov

> (617) 918-1882

>

> From: Dumville, Kelsey

> Sent: Tuesday, February 27, 2018 10:00 AM

> To: Murphy, Jim <Murphy.Jim@epa.gov>; Cianciarulo, Robert

> <Cianciarulo.Bob@epa.gov>; Olson, Bryan <Olson.Bryan@epa.gov>; Taylor, Melissa

> <Taylor.Melissag@epa.gov>; Hull, Richard <Hull.Richard@epa.gov>

> Subject: Coakley meeting details

>

> Good morning,

>

> Here is the location of tomorrow's meeting with the NH delegation staff. The

Coakley Emails.txt

meeting is at 10am, I believe there is plenty of street parking. If you have any questions, please let me know.

>
> Thanks,
> Kelsey
>
>
> Governor Hassan's Manchester office
> 1589 Elm Street
> Third Floor
> Manchester, NH 03101
> (603) 622-2204
>
>
>
> Kelsey (O'Neil) Dumville
> Public Affairs Office
> Community Involvement Coordinator, Congressional Liaison
> Office: 617-918-1003
> Cell: 857-998-0226
>
> <Hassan briefing Feb 28 2018.pdf>

From: Olson, Bryan
Sent: Thursday, February 22, 2018 11:01 AM
To: Dumville, Kelsey
Cc: Murphy, Jim; Hull, Richard; Taylor, Melissa; Millan-Ramos, Gerardo
Subject: Re: Coakley Public Meeting

From: Olson, Bryan
Sent: Wednesday, January 31, 2018 5:01 PM
To: Cianciarulo, Robert; Deegan, Dave; Murphy, Jim; Hull, Richard; Taylor, Melissa
Cc: Bender, Emily; Dumville, Kelsey; Gutro, Doug
Subject: RE: DRAFT TPs for Alex call - Coakley

From: Olson, Bryan
Sent: Tuesday, January 30, 2018 3:37 PM
To: Cianciarulo, Robert
Cc: Taylor, Melissa; Gutro, Doug; Murphy, Jim; Dumville, Kelsey; Hull, Richard
Subject: Re: final draft Coakley congressional letter

From: Olson, Bryan
Sent: Tuesday, January 30, 2018 2:30 PM
To: Taylor, Melissa
Cc: Cianciarulo, Robert; Gutro, Doug; Murphy, Jim; Dumville, Kelsey; Hull, Richard
Subject: Re: final draft Coakley congressional letter

Coakley Emails.txt

From: Olson, Bryan
Sent: Tuesday, January 30, 2018 2:10 PM
To: Cianciarulo, Robert
Cc: Gutro, Doug; Taylor, Melissa; Murphy, Jim; Dumville, Kelsey; Hull, Richard
Subject: Re: final draft Coakley congressional letter

From: Olson, Bryan
Sent: Friday, January 27, 2017 11:49 AM
To: Millan-Ramos, Gerardo; Robin Mongeon; O'Neil, Kelsey; Hoffman, Andrew; Wimsatt, Mike; Murphy, Jim; Sugatt, Richard
Cc: Taylor, Melissa; Cianciarulo, Robert; Martin, James
Subject: RE: Coakley Landfill -- Presentation for public meeting on 01/26/2017

From: Olson, Bryan
Sent: Friday, January 27, 2017 10:28 AM
Cc: Gutro, Doug; O'Neil, Kelsey; Millan-Ramos, Gerardo; Murphy, Jim
Subject: RE: Coakley- Applicable, Relevant and Appropriate Requirements

From: Olson, Bryan
Sent: Friday, January 27, 2017 10:27 AM
To: renny.cushing@leg.state.nh.us
Cc: Gutro, Doug; O'Neil, Kelsey; Millan-Ramos, Gerardo; Murphy, Jim
Subject: RE: Coakley- Applicable, Relevant and Appropriate Requirements

From: Olson, Bryan
Sent: Friday, January 27, 2017 10:19 AM
To: Renny.cushing@leg.nh.us
Cc: Gutro, Doug; O'Neil, Kelsey; Millan-Ramos, Gerardo; Murphy, Jim
Subject: Coakley- Applicable, Relevant and Appropriate Requirements

From: Olson, Bryan
Sent: Friday, January 27, 2017 10:08 AM
To: O'Neil, Kelsey; Millan-Ramos, Gerardo; Sugatt, Richard; Lindsay, Jane
Cc: Gutro, Doug; Cianciarulo, Robert; Taylor, Melissa; Barmakian, Nancy
Subject: Water Treatment

From: Olson, Bryan
Sent: Thursday, December 08, 2016 10:09 AM
To: O'Neil, Kelsey; Gutro, Doug; Murphy, Jim; Millan-Ramos, Gerardo; Cianciarulo, Robert; Tagliaferro, Dean
Subject: RE: Coakley call with Sarah Holmes, Sen Shaheen

I am here in the office

-----Original Appointment-----

From: O'Neil, Kelsey
Sent: Thursday, December 08, 2016 9:19 AM

Coakley Emails.txt

To: Gutro, Doug; Murphy, Jim; Olson, Bryan; Millan-Ramos, Gerardo; Cianciarulo, Robert; Tagliaferro, Dean
Subject: Coakley call with Sarah Holmes, Sen Shaheen
When: Thursday, December 08, 2016 11:00 AM-12:00 PM (UTC-05:00) Eastern Time (US & Canada).
Where: Jim's office

We will plan to meet at 11 am internally and call Shaheen's office between 11:15-11:30.

Bryan - I understand you are on the road, we can plan to call you.

If anyone else needs to call in, please let me know.

Thank you!

From: Olson, Bryan
Sent: Wednesday, December 07, 2016 6:16 PM
To: O'Neil, Kelsey
Subject: Re: Request from CLF

From: Olson, Bryan
Sent: Thursday, December 01, 2016 3:19 PM
To: Szaro, Deb; Deegan, Dave; Tagliaferro, Dean; Bender, Emily; Murphy, Jim; O'Neil, Kelsey; Cianciarulo, Robert; Millan-Ramos, Gerardo; Johnson, Arthur; Cassidy, Meghan; Barmakian, Nancy
Cc: Spalding, Curt
Subject: Re: Final Review: Desk Statement_Coakley_12_1_16

From: Olson, Bryan
Sent: Thursday, December 01, 2016 12:56 PM
To: Szaro, Deb; Bender, Emily; Murphy, Jim; Deegan, Dave; O'Neil, Kelsey; Cianciarulo, Robert; Millan-Ramos, Gerardo; Johnson, Arthur; Tagliaferro, Dean; Cassidy, Meghan; Barmakian, Nancy
Cc: Spalding, Curt
Subject: RE: DRAFT Desk Statement_Coakley_12_1_16

From: Olson, Bryan
Sent: Wednesday, November 30, 2016 5:57 PM
To: Bender, Emily
Cc: Gutro, Doug; Millan-Ramos, Gerardo; Murphy, Jim; Barmakian, Nancy; Spalding, Curt; Szaro, Deb; O'Neil, Kelsey; Melanson, Kate; Deegan, Dave
Subject: Re: Coakley Story Today